



CHILDREN'S WORLD ATLAS

The atlas that brings the world and its people to life



Revised and
Updated







Abbreviations key

ALB.	ALBANIA
BELG.	BELGIUM
B. & H.	BOSNIA & HERZEGOVINA
CZ. REP.	CZECH REPUBLIC
EQ. GUINEA	EQUATORIAL GUINEA
LIECH.	LIECHTENSTEIN
LUX.	LUXEMBOURG
NETH.	NETHERLANDS
NETH. ANT.	NETHERLANDS ANTILLES
RUSS. FED.	RUSSIAN FEDERATION
S. M.	SAN MARINO
MONT.	MONTENEGRO
SWITZ.	SWITZERLAND
U.A.E.	UNITED ARAB EMIRATES





**LONDON, NEW YORK,
MUNICH, MELBOURNE, AND DELHI**

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First published in the United States in 2003.
This revised edition published in the United States in 2011 by
DK Publishing, 375 Hudson Street, New York, New York 10014.
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10 9 8 7 6 5 4 3 2 1
001 – 179338 – Jun/11

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Published in Great Britain by Dorling Kindersley Limited.

A catalogue record for this book is available from the Library of Congress.

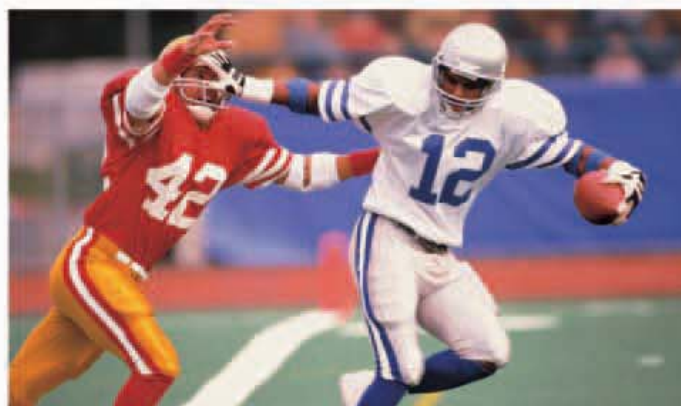
ISBN: 978-0-7566-7584-4

Colour reproduction by Colourscan, Singapore, and MDP, UK
Printed and bound by Star Standard Industries Ltd, Singapore

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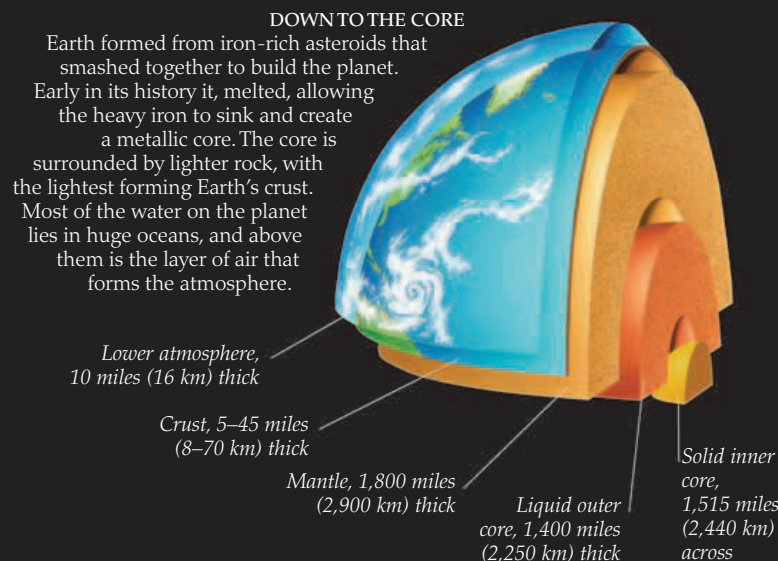


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Active Planet

EARTH IS A DYNAMIC PLANET that is always changing its form. Heat generated by nuclear reactions deep below the surface creates hugely powerful currents that keep Earth's rocks on the move, triggering earthquakes and volcanic eruptions. Meanwhile, solar energy striking the planet in different ways creates currents in the air, driving the atmospheric turmoil of the weather. This changes with the seasons and from place to place, creating an enormous range of climates and habitats for the most dynamic element of all—life.



THE PLATES OF EARTH'S CRUST

Heat generated deep within the planet creates currents in the mobile mantle rock beneath the crust. These currents drag some sections of the cool, brittle crust apart while pushing other parts together, fracturing the crust into separate plates. The biggest of these span oceans and continents, but there are many smaller plates. At their boundaries the plates may be diverging (pulling apart), converging (pushing together), or sliding past each other at transform faults.

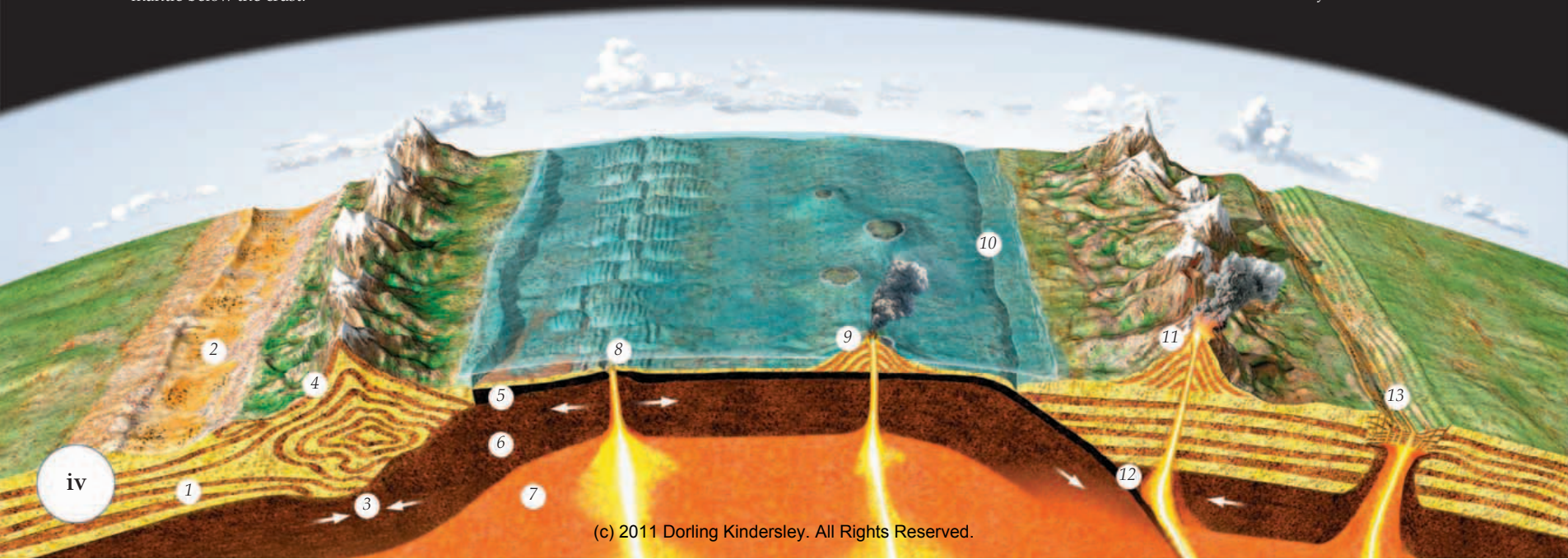
Key to map

	Transform fault		Divergent boundary
	Uncertain boundary		Convergent boundary

WHERE MOVING PLATES MEET

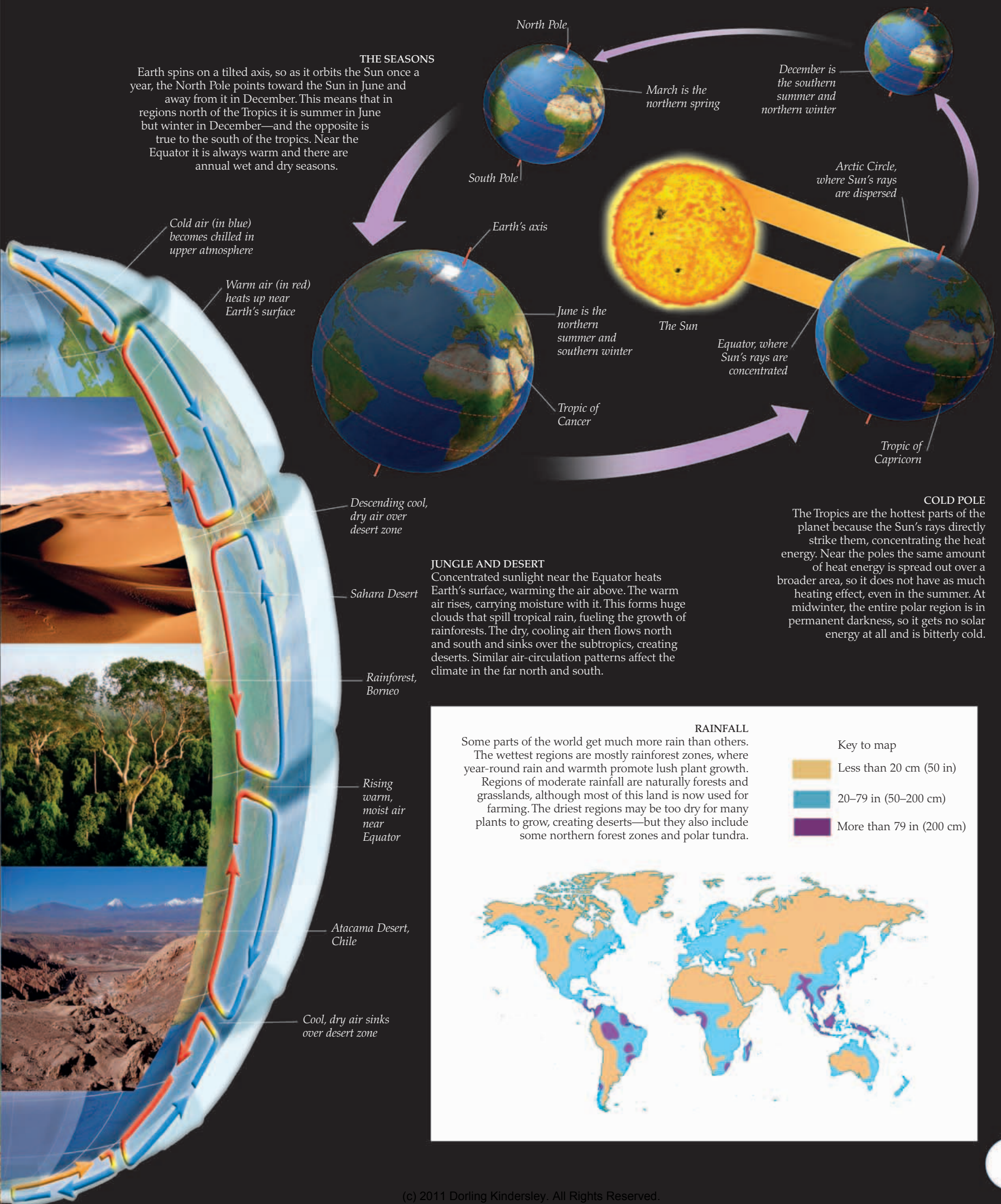
The boundaries between the plates are volcanic earthquake zones. The plates move very slowly, pulling apart at divergent boundaries. This allows hot rock below to melt, erupt, and cool to form new crust – especially at the spreading rifts that form mid-ocean ridges. Meanwhile, at convergent boundaries, one plate slides beneath another, pushing up mountain ranges and making volcanoes erupt. Other volcanoes erupt over hot spots in the mantle below the crust.

- 1 Continental crust, much thicker than oceanic crust
- 2 Broad basin formed near uplifted area
- 3 Ancient converging boundary, now inactive
- 4 Mountains created when plate boundary was active
- 5 Oceanic crust formed from heavy basalt rock
- 6 Upper mantle, mostly solid but very hot
- 7 Mantle, solid but mobile owing to heat currents
- 8 Spreading rift forming a mid-ocean ridge
- 9 Hot-spot volcano erupting over mantle plume
- 10 Ocean trench marking convergent plate boundary
- 11 Volcano erupting over convergent boundary
- 12 Earthquake zone—one plate grinding under another
- 13 Plates pulling apart, creating a rift valley



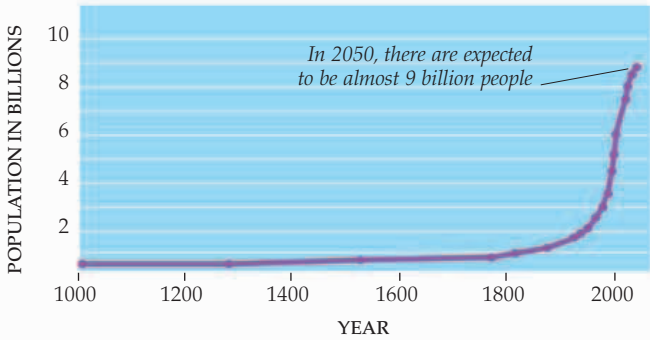
THE SEASONS

Earth spins on a tilted axis, so as it orbits the Sun once a year, the North Pole points toward the Sun in June and away from it in December. This means that in regions north of the Tropics it is summer in June but winter in December—and the opposite is true to the south of the tropics. Near the Equator it is always warm and there are annual wet and dry seasons.



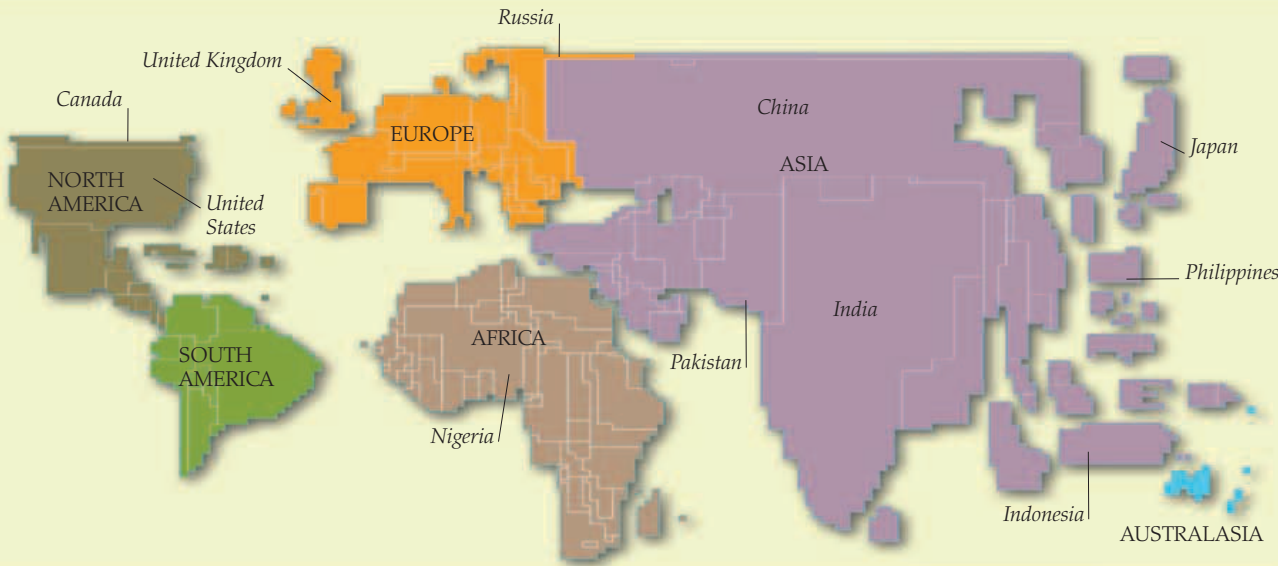
Planet People

THE NUMBER OF PEOPLE ON THE PLANET has quadrupled since 1900. A lot of this growth has taken place in the developing world, which is now home to more than 80 percent of the population. Many of these people are very poor and do not enjoy the living conditions that most citizens of the developed world take for granted. This is changing, however, especially in nations such as China, India, and Brazil. Here, new technology and international trade are fueling rapid economic growth that is transforming how people live. But as more of the planet's people demand more of its scarce resources, there may be some difficult challenges ahead.

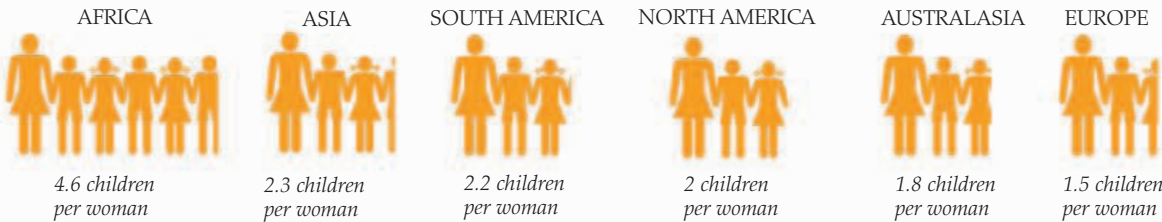


POPULATION INCREASE
For centuries, the number of people on the planet stayed the same, at roughly 300 million. But since the 1750s, better living conditions and health care have allowed more babies to survive, causing a population explosion. In only 60 years from 1950, the population soared from 2.5 billion to 6.8 billion. It will keep growing, but probably not quite so fast.

POPULATION DENSITY
On this map the area of each part of the world is adjusted to reflect the number of people who live there. For example, Japan's population of 128 million is much bigger than that of Australia, with 22 million, so it is shown much larger here despite being a smaller country. More people live in Nigeria—153 million—than in all of Russia. But the nations with the biggest populations by far are India and China, each with far more than 1 billion citizens.

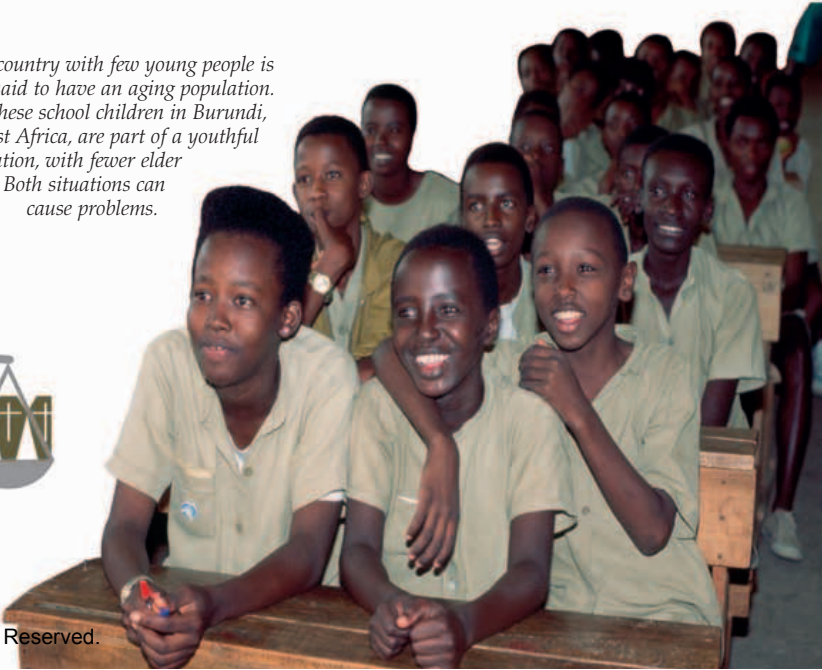


FAMILY SIZE
All over the world, some women have more children than others, but the average varies from continent to continent. European women have 1.5 children on average, so two families may have three children between them. This is much fewer than in Africa, where the population is growing faster despite higher death rates among children. Worldwide, the average is 2.6—more than enough to replace both parents.



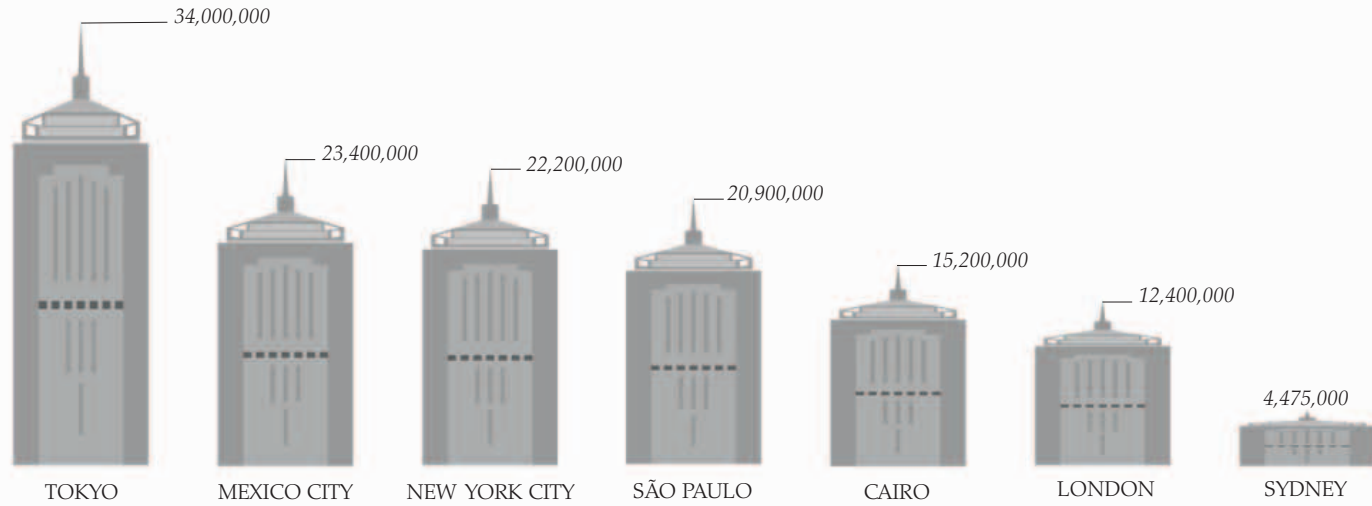
BIRTH AND DEATH RATES
If the birth rate is the same as the death rate, the population stays the same. But in most countries, the birth rate is higher. In Niger, west Africa, there are 50.6 births but only 13.1 deaths per 1,000 people, and the population is growing at 4 percent a year. Brazil's population is also growing, with 14.2 births compared to 6.5 deaths. By contrast, Lithuania has a shrinking population, with 9.9 births outweighed by 13.8 deaths.

A country with few young people is said to have an aging population. But these school children in Burundi, east Africa, are part of a youthful population, with fewer elder people. Both situations can cause problems.



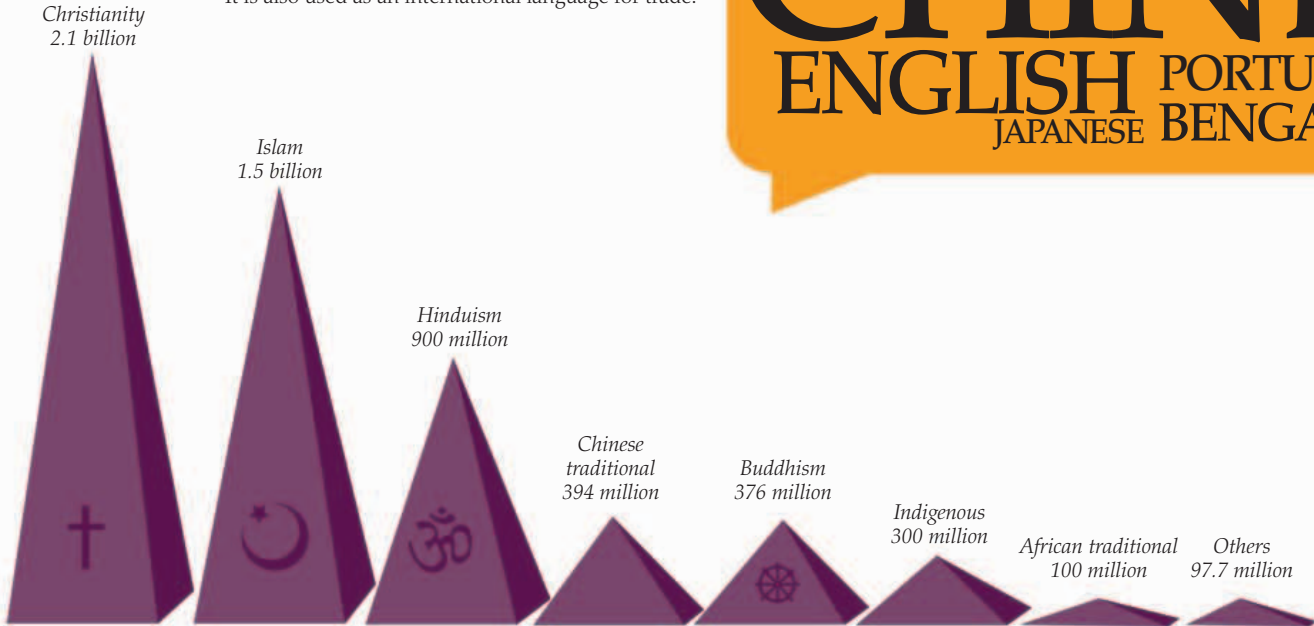
CITY POPULATIONS

As populations grow, people tend to move from the country to a city to find work. Today one third of the world's people live in cities, which grow bigger every year. Some are colossal, like Tokyo, Japan—the largest city in Asia. The other cities shown here are the most populous on each continent. They are vibrant centers of civilization, but some cities are fringed by sprawling shantytowns, where poor people live in makeshift shacks with no public health services or clean water.



LANGUAGES

These are the 10 most common languages worldwide, sized in proportion to the number of native speakers. Chinese outstrips the others because China has such a huge population. But Spanish comes next because it is the main language of many Latin American countries, such as Mexico. English is almost as common, thanks mostly to it being the language of the United States. It is also used as an international language for trade.



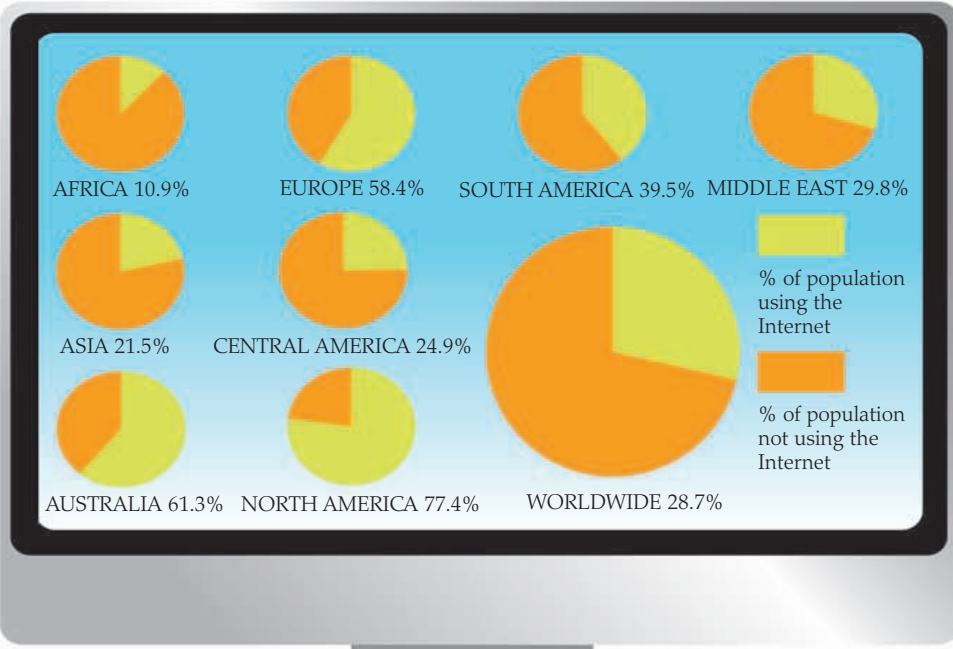
Others	
Sikhism	23 million
Juche	19 million
Spiritism	15 million
Judaism	14 million
Baha'i	7 million
Jainism	4.2 million
Shinto	4 million
Cao Đài	4 million
Zoroastrianism	2.6 million
Tenrikyo	2 million
Neo-Paganism	1 million
Unitarian	
Universalism	800,000
Rastafarianism	600,000
Scientology	500,000

RELIGIONS AND BELIEFS

Almost three fourths of the world's population are followers of Christianity, Islam, Hinduism, or Buddhism. But many people follow other faiths, especially in China, where the traditional folk religion, Shenism, is practiced by almost one third of the huge population. The "indigenous" and "African traditional religions" data points are both groupings of different, but similar, religions. Others are listed at the far right, in order of popularity.

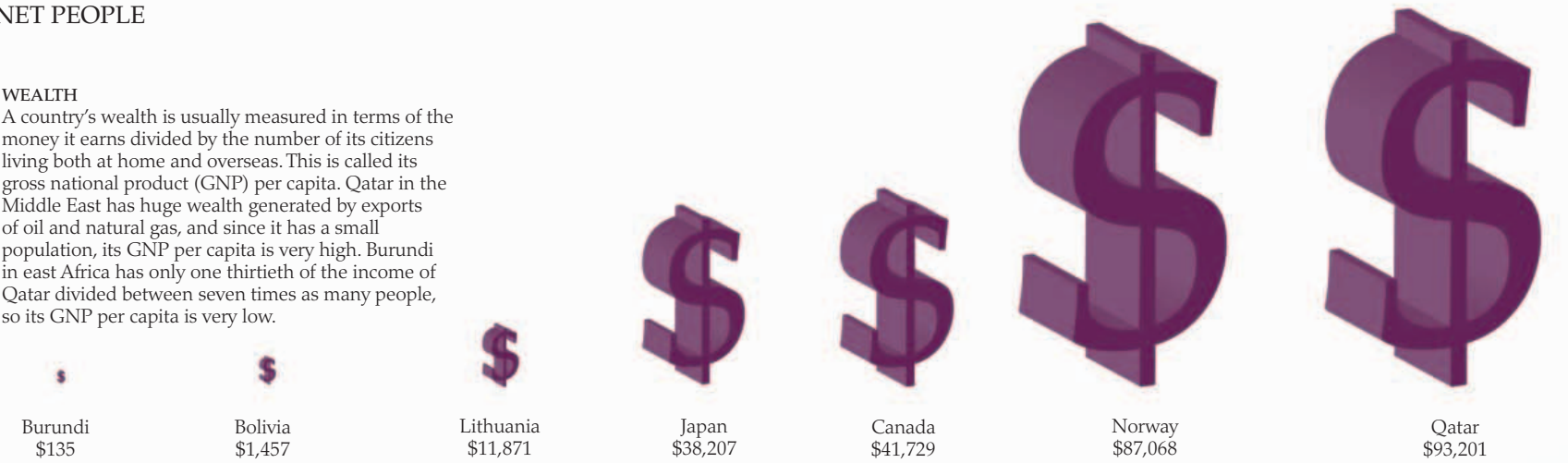
ONLINE ACCESS

Over the 10 years, the Internet has become a vital tool for global business, education, and politics, so the more people who can use it, the better. These charts show the percentage of people with Internet access both worldwide and in particular regions. North America, Australia, and Europe lead the field, but the number of Internet users is growing fastest in the Middle East and Africa.



WEALTH

A country's wealth is usually measured in terms of the money it earns divided by the number of its citizens living both at home and overseas. This is called its gross national product (GNP) per capita. Qatar in the Middle East has huge wealth generated by exports of oil and natural gas, and since it has a small population, its GNP per capita is very high. Burundi in east Africa has only one thirtieth of the income of Qatar divided between seven times as many people, so its GNP per capita is very low.



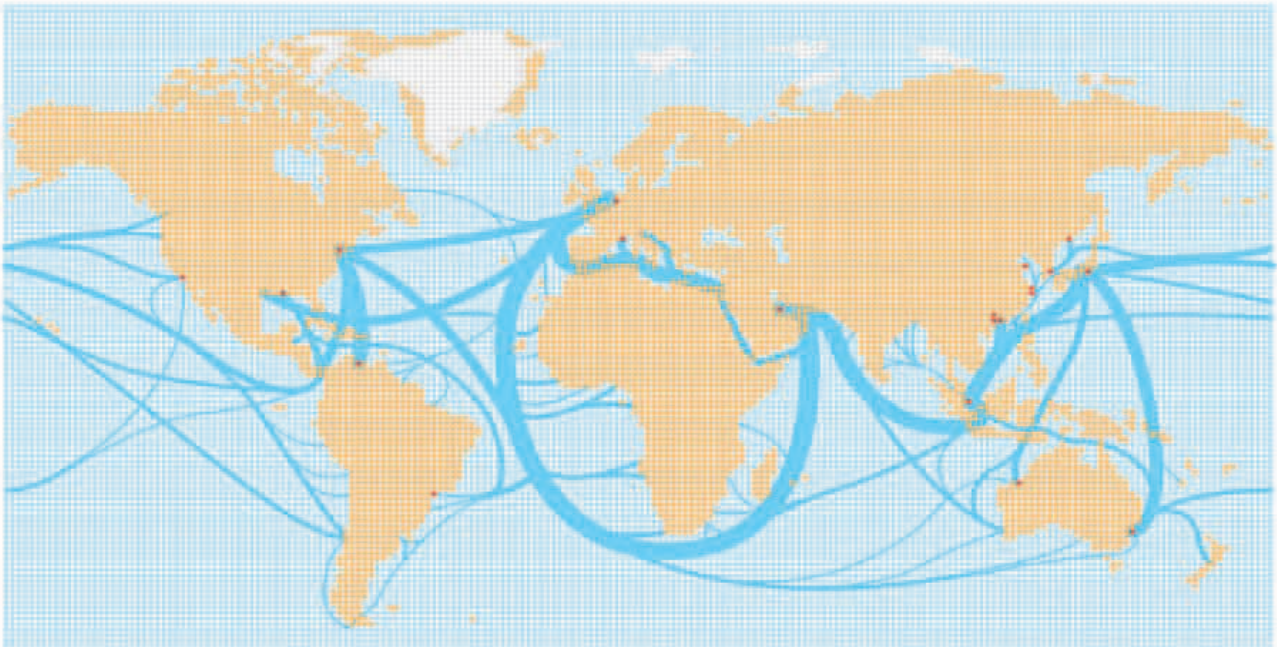
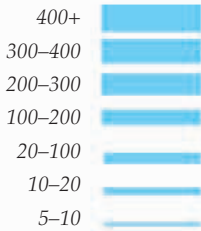
BUSIEST AIRPORTS

Air travel has expanded hugely since the 1950s, when international air travel was a luxury enjoyed by a few wealthy people known as the "jet set." Today, flying is often the most economical way to travel, as well as the quickest. This is reflected in the vast number of passengers who pass through the world's airports as they travel for business or pleasure. The busiest airport is Hartsfield-Jackson International Airport in Atlanta, Georgia, with more than 90 million people arriving and departing each year.



TRADE
Although air freight is an important part of international trade, about 80 percent of cargo by weight is transported by sea. This adds up to around 8.8 billion tons of freight. A lot of this is transported in containers carried by more than 4,700 container ships. The busiest shipping routes link Europe and North America with the Middle East and Far East, with ports such as Singapore, Shanghai (China), Dubai (U.A.E.), and Rotterdam (Netherlands) handling most of the trade.




















































Traffic in millions of tonnes



NORTH AMERICA

The North American continent extends from the frozen wastes of Arctic Canada to the Caribbean islands and the tropical jungles of Panama. It is politically dominated by the United States, the richest nation on Earth, yet life in countries such as Mexico and Nicaragua is still a struggle. The data below is arranged in order of each nation's size.

Canada   3,855,103 sq miles 9,984,670 sq km 33,600,000 Ottawa English, French, Chinese, Italian, German, Ukrainian, Portuguese, Inuktitut, Cree	Mexico   758,449 sq miles 1,964,375 sq km 110,000,000 Mexico City Spanish, Nahuatl, Mayan, Zapotec, Mixtec, Otomi, Totonac, Tzotzil, Tzeltal		Honduras   43,278 sq miles 112,090 sq km 7,470,000 Tegucigalpa Spanish, Garífuna (Carib), English Creole	
United States of America   3,794,100 sq miles 9,826,675 sq km 315,000,000 Washington, DC English, Spanish, Chinese, French, German, Tagalog, Vietnamese, Italian, Korean, Russian, Polish		Nicaragua   50,336 sq miles 130,370 sq km 5,740,000 Managua Spanish, English Creole, Miskito	The warm waters and glorious beaches of the Caribbean make islands like St. Lucia magnets for tourists. The wealth they bring is vital to the local economy.	
			Cuba   42,803 sq miles 110,860 sq km 11,200,000 Havana Spanish	
			Panama   29,120 sq miles 75,420 sq km 3,450,000 Panama City English Creole, Spanish, Amerindian languages, Chibchan languages	
			Dominican Republic   18,792 sq miles 48,670 sq km 10,100,000 Santo Domingo Spanish, French Creole	
			Guatemala   42,042 sq miles 108,889 sq km 14,000,000 Guatemala City Quiché, Mam, Kakchiquel, Kekchí, Spanish	
			Haiti   10,714 sq miles 27,750 sq km 10,000,000 Port-au-Prince French Creole, French	
			Costa Rica   19,730 sq miles 51,100 sq km 4,580,000 San José Spanish, English Creole, Bribri, Cabecar	
			Belize   8,867 sq miles 22,966 sq km 306,800 Belmopan English Creole, Spanish, English, Mayan, Garífuna (Carib)	

El Salvador  <p>  8,124 sq miles 21,041 sq km  6,160,000  San Salvador City  Spanish </p>	Dominica  <p>  290 sq miles 751 sq km  70,400  Roseau  French Creole, English </p>				
Bahamas  <p>  5,359 sq miles 13,880 sq km  341,700  Nassau  English, English Creole, French Creole </p>	St. Lucia  <p>  238 sq miles 616 sq km  172,200  Castries  English, French Creole </p>	Antigua and Barbuda  <p>  171 sq miles 443 sq km  82,800  St John's  English, English Patois </p>			
Jamaica  <p>  4,244 sq miles 10,991 sq km  2,720,000  Kingston  English Creole, English </p>				Grenada  <p>  133 sq miles 344 sq km  103,900  St George's  English, English Creole </p>	
<p>Most of Canada is still untamed wilderness—a land of huge, dramatic landscapes like this lake high up in the rugged, frost-shattered Rocky Mountains.</p>					
Trinidad and Tobago  <p>  1,980 sq miles 5,128 sq km  1,340,000  Port-of-Spain  English Creole, English, Hindi, French, Spanish </p>		Barbados  <p>  166 sq miles 430 sq km  255,900  Bridgetown  Bajan (Barbadian English), English </p>	St. Vincent and the Grenadines  <p>  150 sq miles 389 sq km  109,200  Kingstown  English, English Creole </p>	St. Kitts and Nevis  <p>  101 sq miles 261 sq km  46,100  Basseterre  English, English Creole </p>	



Western Canada and Alaska

CANADA IS A HUGE COUNTRY and its western half stretches from the flat prairies in the east to the towering Rocky Mountains in the west, and from the relatively mild south to the permanently frozen area north of the Arctic Circle. Harsh conditions throughout most of the region mean that most of the population is concentrated in cities in the south, such as Vancouver, Calgary, and Winnipeg. The Prairies—once a vast expanse of grassland—are now mostly used for growing wheat on huge mechanized farms. Oil and natural gas are found there, too. These natural resources are also important in Alaska, a part of the United States. The majority of Alaska's people moved there to work in these lucrative industries.



FORESTRY

Large parts of western Canada are covered in forests, and lumbering is a major part of the local economy. The trees are used to make buildings, furniture, and paper. In the past, entire forests of trees were cleared, but now sustainable methods, such as selective cutting and replanting, are practiced.

Felled trees transported down a river near Vancouver



TOTEM POLES

The native peoples of British Columbia use totem poles to record their clan histories. Each carved and painted totem describes a real or mythical event and often features animals that the clan has a close connection with, such as the eagle (left).

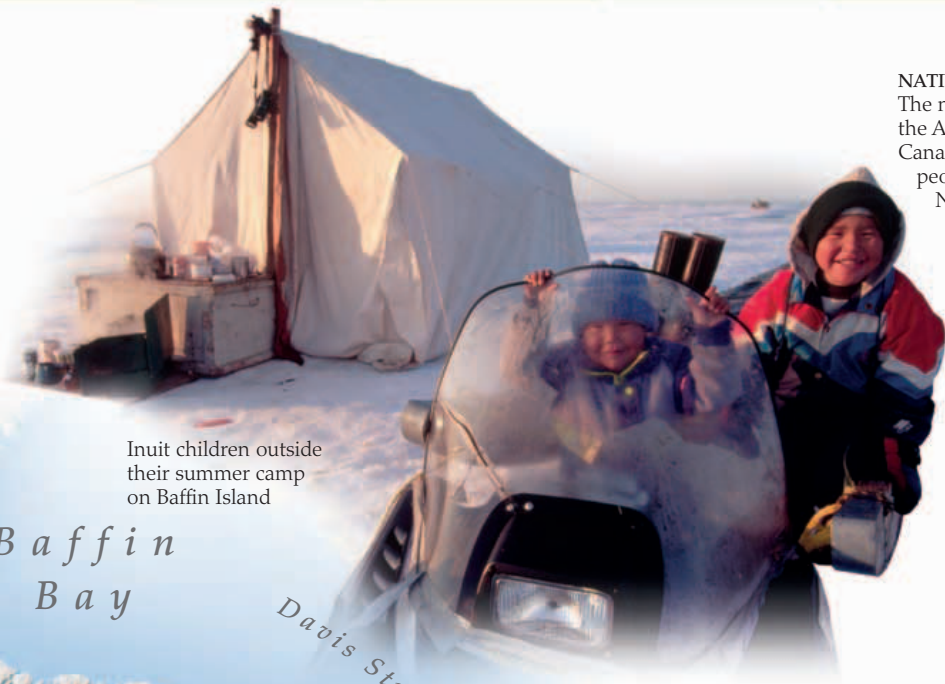


DOGSLED RACING

The state sport of Alaska is dogsled racing. Here, competitors take part in the annual Iditarod Trail Great Sled Race, a gruelling run across the rugged landscape for drivers and their teams of dogs.

VANCOUVER

This city's vibrant cultural mix is typical of Canada's diversity. Many South Asian, Chinese, as well as other ethnic groups live here and reflect Vancouver's historic role as a destination for migrants. Hosting the 2010 Winter Olympics raised its profile and its bustling economy, mild climate, and cultural links make it an attractive place to live.



Inuit children outside their summer camp on Baffin Island

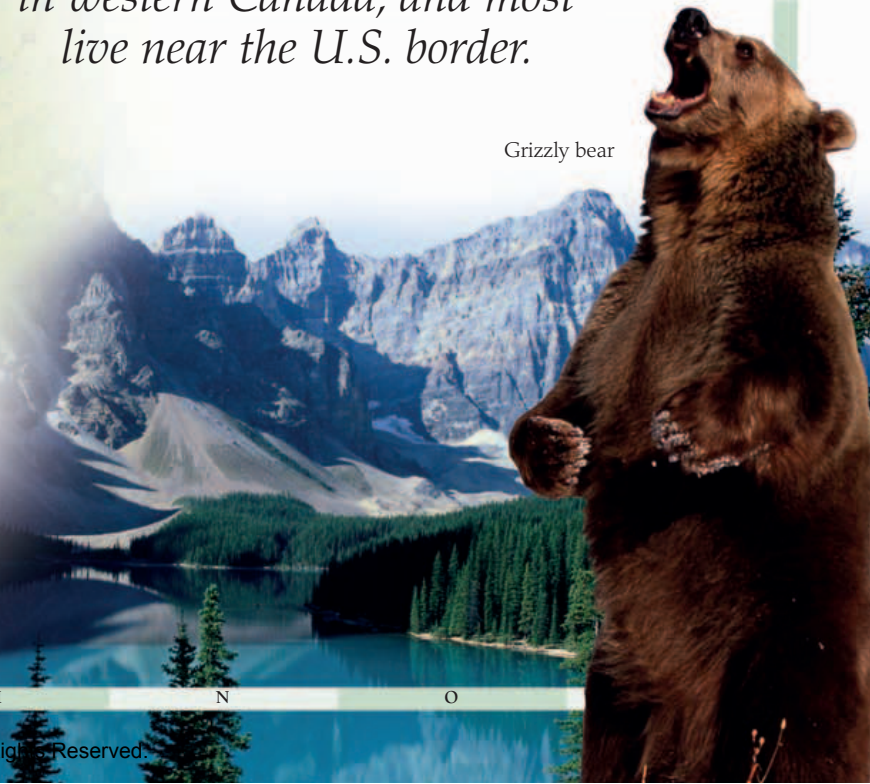
NATIVE PEOPLES
The native peoples of Alaska are the Aleut, and those in northern Canada are the Inuit. Native peoples are often called "First Nations" because they were the first to live in North America. Most of their land was later taken by European settlers. First Nation culture has revived, and Nunavut is now a self-governing Inuit territory. The Inuit have adapted to the harsh environment and often combine modern technology with their traditional lifestyle.



Grain elevators dominate the skyline of the prairies

CENTRAL STATES
Large parts of Alberta, Saskatchewan, and Manitoba have rich soils and form one of the largest wheat-growing areas in the world. More wheat is grown here than Canadians can consume, so vast amounts are exported. Wheat is used to make flour for staple foods such as bread. Once harvested, wheat is stored in grain elevators, waiting to be transported by lorry or train.

Canada has a population of 34 million people, but only about 30 percent of them live in western Canada, and most live near the U.S. border.



Grizzly bear

ROCKY MOUNTAINS
The rugged Rocky Mountains stretch south through western Canada and into the United States. Every year they attract millions of visitors, who enjoy walking, hiking, and canoeing in the dramatic scenery. Tourists sometimes see wildlife such as the grizzly bear, black bear, elk, moose, and wolf.



Eastern Canada

THE MOST INDUSTRIALIZED AND HEAVILY populated parts of Canada are in the east. Ottawa, the capital, is located here, along with other important cities, such as Toronto, Montreal, and Québec. Some of the earliest settlers were French, and many people speak French as their first language. The Great Lakes—the largest system of lakes in the world—and the St. Lawrence Seaway link the interior to the coast. The most easterly parts of Canada, the Atlantic Provinces, have rugged coastlines and dramatic scenery. However, soils are thin and commercial agriculture is limited to a few areas. Fishing used to be the main activity, but fish stocks have been so depleted that few people are now employed in the industry, despite recent environmental efforts to rebuild the stocks. A growing oil and gas industry and new high-tech businesses are attracting younger workers, although many people still migrate to the bustling cities farther west.

Canadians have a high life expectancy—the average person lives to be 80 years old.

TORONTO

Toronto is Canada's most important economic center. Located on Lake Ontario, close to the U.S. border, it is not only an industrial and commercial centre but is also home to a wide diversity of ethnic and cultural groups. The Canadian National (CN) tower, which dominates the Toronto skyline, is the world's tallest tower, and locals and tourists can get an impressive view of the city and Lake Ontario from the top.

CN Tower



ICE HOCKEY

Sports and leisure are important to Canadians. A popular sport is ice hockey, which thousands of people play or watch enthusiastically. Teams of skaters use long, curved sticks to try to get a hard rubber disk—called a puck—into the opposing team's goal. Both the men's and women's national ice hockey teams won gold medals at the Vancouver 2010 Winter Olympics.



MAPLE SYRUP

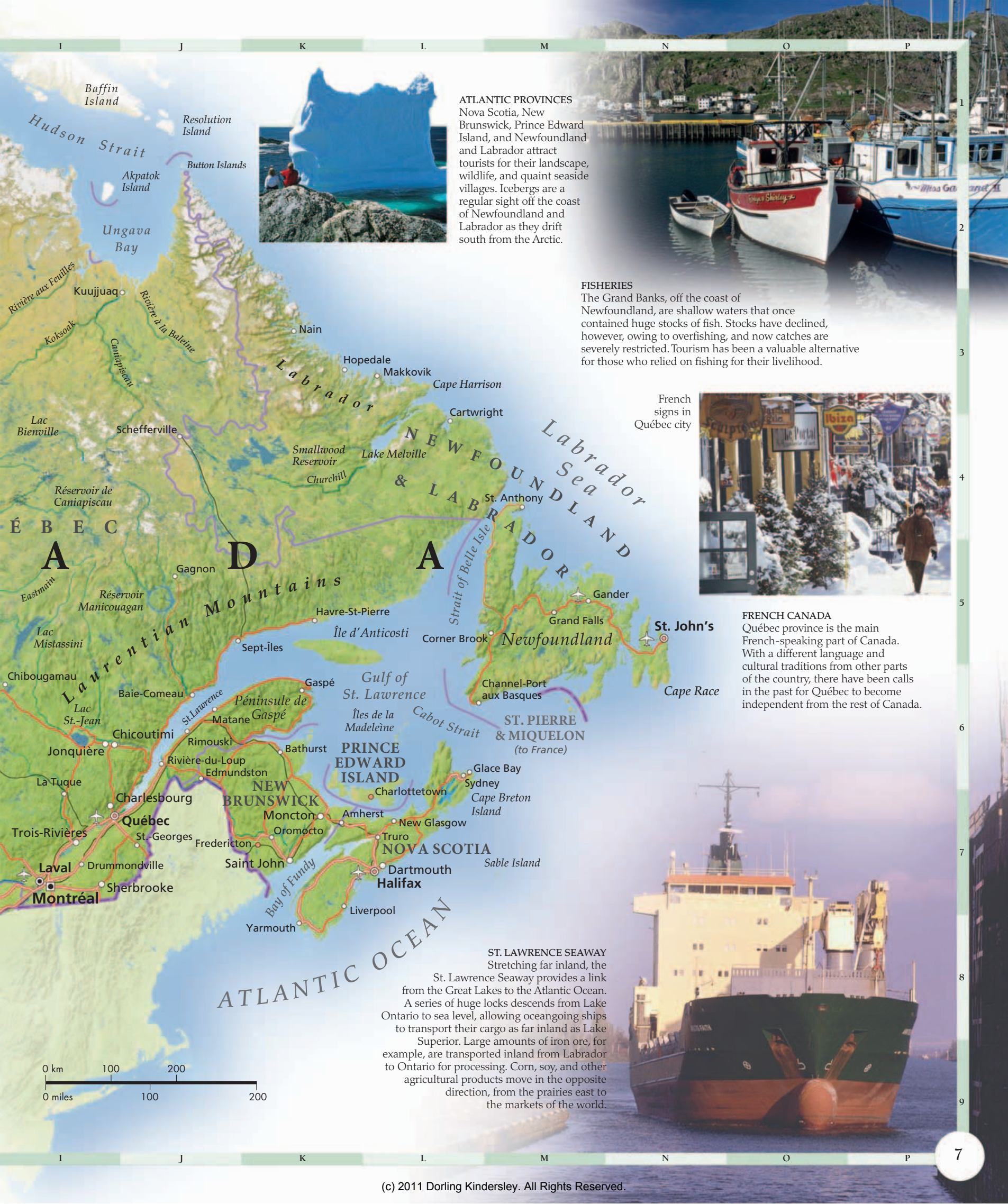
The maple trees of Québec and Ontario are tapped for maple syrup, a major export—and a popular topping on pancakes for Canadians. The maple leaf is the national symbol of Canada and features on the nation's flag.



Maple sap collected from cuts in the tree trunk



UNITED STATES
OF AMERICA



ATLANTIC PROVINCES
Nova Scotia, New Brunswick, Prince Edward Island, and Newfoundland and Labrador attract tourists for their landscape, wildlife, and quaint seaside villages. Icebergs are a regular sight off the coast of Newfoundland and Labrador as they drift south from the Arctic.

FISHERIES

The Grand Banks, off the coast of Newfoundland, are shallow waters that once contained huge stocks of fish. Stocks have declined, however, owing to overfishing, and now catches are severely restricted. Tourism has been a valuable alternative for those who relied on fishing for their livelihood.

French signs in Québec city



FRENCH CANADA

Québec province is the main French-speaking part of Canada. With a different language and cultural traditions from other parts of the country, there have been calls in the past for Québec to become independent from the rest of Canada.

ST. LAWRENCE SEAWAY
Stretching far inland, the St. Lawrence Seaway provides a link from the Great Lakes to the Atlantic Ocean. A series of huge locks descends from Lake Ontario to sea level, allowing oceangoing ships to transport their cargo as far inland as Lake Superior. Large amounts of iron ore, for example, are transported inland from Labrador to Ontario for processing. Corn, soy, and other agricultural products move in the opposite direction, from the prairies east to the markets of the world.





U.S.A.: Northeast

THE NORTHEASTERN UNITED STATES is a heavily populated area that is steeped in history. This is traditionally the main immigration point into the United States, with the Statue of Liberty lighting the way for those arriving into New York City by boat. People from all over the world have settled in this region to live and work, creating a "melting pot" of cultures and ethnic groups. Important historical events, such as the signing of the Declaration of Independence and the Constitution, took place in Philadelphia, Pennsylvania. These documents set the foundations for American life today. It is also here that the capital and center of government were established. Today, while industry and agriculture are still important, finance and commerce are the driving forces of the economy.

The White House in Washington, D.C. has been home to every president except George Washington, whom the city is named after.



PITTSBURGH

Once a major steel-manufacturing centre with a polluted environment, Pittsburgh, Pennsylvania, is now a thriving financial center with a large number of corporate headquarters. Bridges span the three rivers that run through the city, connecting the core downtown area (above) to the suburbs.

CENTRE OF GOVERNMENT

All three branches of the federal government, the executive, legislative, and judicial, reside in Washington, D.C. The United States Congress (the legislative branch) meets here in the Capitol building. Many of the city's residents work for the government.

Capitol building, the seat of government



THRIVING CITY

New York is the largest city in the U.S. Historically it grew because it has a good harbor and sits at the mouth of the Hudson River. Immigrants from overseas flooded into the city in the 19th and 20th centuries, boosting its population and economy. Today, it is the main financial center, not just of the U.S.A., but of the world.





CRANBERRIES

The northeast U.S. is a major cranberry-growing region. Cranberries grow in flooded bogs, and once harvested—often with high-tech equipment (above)—they can be eaten in pies and sauces.

MAINE

Although Maine is a large state, it is relatively sparsely populated. Early settlers were attracted to its coastline, and fishing communities gradually developed. To this day, fishing remains an important activity, while colorful foliage attracts tourists in the fall.



HIGHER EDUCATION

A large number of universities are located in this region, including two of the most famous—Harvard (above) and Yale. As well as studying, students enjoy a full campus life, including taking part in sport. Links between industry and education are strong, so many high-tech companies have been established here.

Maine (above), famous for its clam chowder and lobsters (right)



THANKSGIVING

The first Thanksgiving was held in 1621 as a gesture of friendship between American Indians and the Pilgrims after the Pilgrims' first successful harvest. Americans honor this tradition every November by gathering with family and friends to give thanks for life's blessings and to share a meal.



Tourists can take an elevator to the top of the Statue of Liberty

NEW YORK CITY

The center of U.S. commerce and business is New York City. People living here have a fast-paced lifestyle, and many travel by train or bus from the suburbs to work in the towering high-rise office buildings of Manhattan. People traveling by boat across the harbor pass the Statue of Liberty, a huge monument that represents freedom and opportunity to Americans.



U.S.A.: South

0 km 50 100 150 200
0 miles 50 100 150 200

THE SOUTHERN STATES of the U.S.A. have a varied landscape and an interesting mix of people, both culturally and economically. Some areas of the region are poor, especially the Appalachian Mountain communities, while other parts, such as the Florida coast, are wealthy and attract many people from other states and countries. The cultural mix includes people of Latin American origin, African-Americans, Cajuns (French-Canadians), and European Americans, giving rise to diverse music styles, dialects, pastimes, and food. While coal mining in the Appalachian Mountains has declined in recent years, agriculture is still important, as are tourism and industry. Tourism is especially important in Florida and in New Orleans, Louisiana, near the mouth of the mighty Mississippi River.

COTTON CROPS
Cotton was once the main crop of the South and was grown by African-American slaves. Today, cotton is still important for the economy of the region and is grown in large fields and harvested with huge machinery. Cotton has many uses, primarily as the raw material for textiles.



Cotton pod, or boll

The Mississippi is the largest river in North America and the third largest in the world.

MUSICAL ORIGINS

The southern U.S.A. is famous for its music, most of which reflects the cultural mix of the region. New Orleans and other parts of Louisiana are the birthplaces of jazz and Cajun music, while bluegrass and country have origins in Nashville and Memphis, Tennessee. These music styles started here, but quickly spread throughout the country and developed even further in the cities.



Jazz musician on Bourbon Street, New Orleans

Chef holding a skillet of jambalaya, a Cajun dish



CAJUN CULTURE

The Cajuns in this region are French-speaking people who were expelled from Canada in the 1700s. They mixed with other cultures in Louisiana, but their French influence can be seen in the music, food, and place names, such as Lafayette.

FLORIDA EVERGLADES

The increasing population of Florida means that the Everglades, swampy plains inhabited by alligators and other wildlife, are under threat as land is needed for houses and farms. However, the Everglades National Park protects part of this important ecosystem.





KENTUCKY DERBY
Every year on the first Saturday of May, the Kentucky Derby takes place in Louisville. This horse race and the festivities based around it mark the beginning of spring for people in the area. The best horses and jockeys, as well as massive crowds of spectators from around the country, travel here for the event.

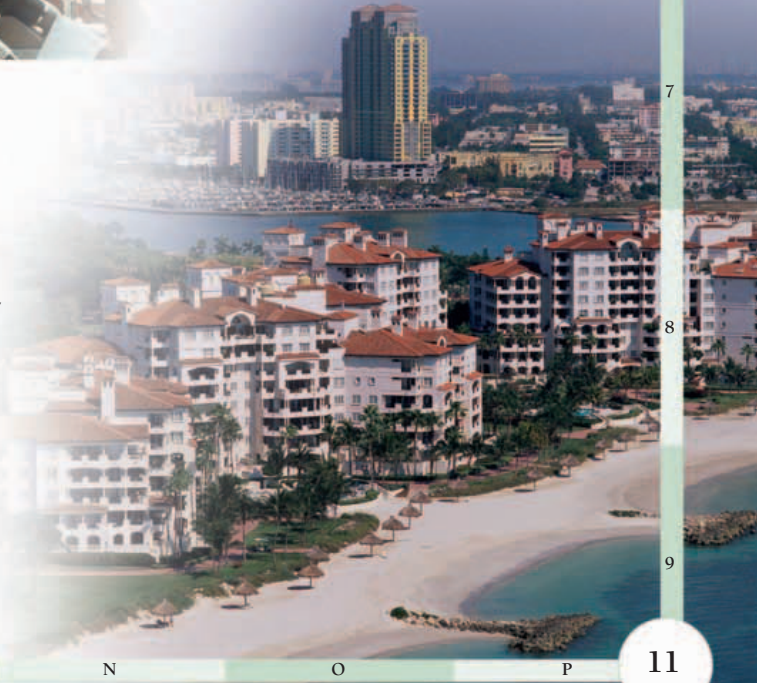
TOURISM
Tourism is an important industry in the south, especially for Florida. As well as warm weather and appealing scenery, tourists are attracted to the amusement parks around Orlando. Jobs and income are generated by tourism, with many people working in retail outlets, restaurants, hotels, and amusement parks.



MARTIN LUTHER KING, JR
Martin Luther King, Jr., (left) was born in Atlanta in 1929. In the 1960s, he led many peaceful protests to end the laws that discriminated against black Americans. King was assassinated in 1969 and has since been seen as a symbol of the struggle for racial equality. Many African-Americans live in the southern U.S., where, before the Civil War (1861–65), their ancestors were forced to work on cotton plantations and farms.

Martin Luther King, Jr., speaking at the final rally of the March Against Fear, Mississippi, 1966

FLORIDA'S SUNSHINE COAST
Florida's sunny weather and sandy beaches have traditionally attracted many retired people, many of whom live in apartments along the coast in resorts such as Miami Beach (right). Florida also attracts young people, especially to the vibrant city of Miami, where many immigrants from Central America, Cuba, and other Caribbean islands live, and Spanish is spoken by half the population. The Florida Keys, an island chain in the south of the peninsula, is also popular with tourists, and contains some of the largest living coral formations in North America.



Kumba roller coaster, the fastest in Florida, in Busch Gardens, Tampa

U.S.A.: Midwest

THE AMERICAN MIDWEST is dominated by the Great Plains, once the home of cattle ranches, cowboys, and Native American peoples. However, the discovery of gold in South Dakota brought a rush of settlers to the area. This, combined with a decline in buffalo numbers, led to the eventual displacement of the Native Americans from the Plains. The area is prone to dramatic weather—tornadoes, blizzards, and hot summers. To the west, vast areas of farmland generate more wheat and corn than anywhere else in the world. East of the Mississippi River, the landscape varies and, although farming is important, this is the industrial center of the country. Cities such as Chicago (Illinois), Detroit (Michigan), and Cleveland (Ohio) are major manufacturing centers.

BUFFALO ON THE PLAINS

Up to 100 million buffalo once grazed on the Great Plains. They provided local Native Americans with food for the family, and skin for clothes and tepees. The Dakota people used buffalo bones to make shields and tools, and the animal's bladder was made into a bag for carrying water. But overhunting and the destruction of the buffalo's habitat by early European settlers drastically reduced the number of animals. The buffalo is now a protected species and lives in reserves.



Buffalo herd on a reserve, South Dakota

MOUNT RUSHMORE

Mount Rushmore, in the Black Hills of South Dakota, was created as a tribute to the American presidency. Four of the United States' greatest presidents—(left to right) George Washington, Thomas Jefferson, Theodore Roosevelt, and Abraham Lincoln—were carved into the granite cliff between 1927 and 1941. Teams of workers hung from saddles anchored to the mountain to complete the work, often enduring harsh winds or blazing sun. Today, it is a popular tourist attraction.

Each carved face is about 60 ft (18 m) high



TORNADO ALLEY

Dramatic tornadoes, or "twisters," regularly tear through the states of Kansas and Missouri along a path known as Tornado Alley. Tornadoes occur when warm and cold air masses meet. As the warm air rises, it cools, and under the right conditions, it can suck in more and more air until a whirling twister develops. The more air that is pulled in, the greater the power of the tornado.



A



RURAL U.S.

Although most Americans today live in cities and large towns, there are still many small towns with populations of less than 10,000 people.

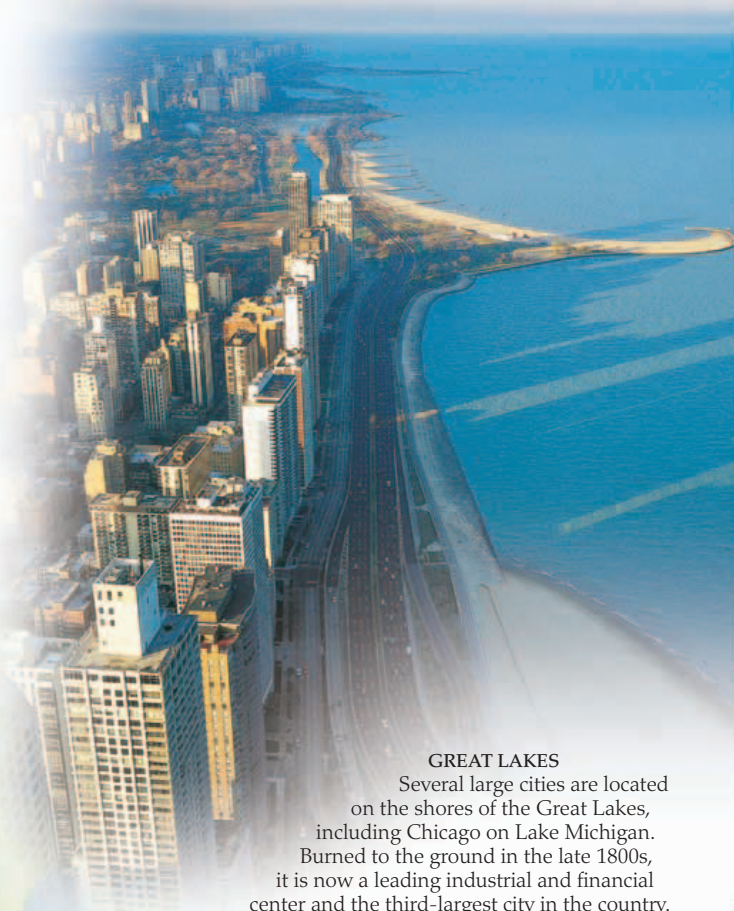
These towns are often in farming communities and are where people go to shop or attend church. Children, such as these boys from Iowa (left), often have to be taken to and from school by special bus.

The Great Lakes contain one-fifth of Earth's fresh water.



AGRICULTURE

The Great Plains extend across the west of this region and are important for agriculture. Rich soils support crops of wheat and corn, while livestock grazes on the extensive grassland. Millions of people live on the Great Plains, many on family-owned and -run farms.



GREAT LAKES

Several large cities are located on the shores of the Great Lakes, including Chicago on Lake Michigan. Burned to the ground in the late 1800s, it is now a leading industrial and financial center and the third-largest city in the country. The Great Lakes and their lakeside retreats are also a popular tourist destination for vacationers who enjoy watersports.



FOOTBALL

The first official game of football was played between Princeton and Rutgers universities in New Jersey on November 6, 1869. Since then, college and professional teams have been founded all over the country, and playing and watching football have become some of Americans' favorite pastimes.





U.S.A.: West

THE ROCKY MOUNTAINS separate the coastal region from the drier inland states. Fast-growing cities in California, such as San Francisco, Los Angeles, and San Diego, hug the Pacific coast and have attracted many migrants because of good job opportunities. Inland, blazing deserts and towering mountains provide some of the most dramatic landscapes in the country. National parks, such as Yellowstone in northwestern Wyoming and Montana, and Yosemite in central California, protect some of these wilderness areas. Farther east, the foothills of the Rockies give way to vast plains grazed by large herds of cattle.



NORTHERN FORESTS

The coastal areas of Oregon and Washington contain large forests. These produce economically important timber, but a lot of land is also left in its natural state and is popular with hikers. Most people here live in large cities like Seattle, Washington, and in the fertile inland valleys.



CALIFORNIA AGRICULTURE

California is warm, fertile, and well irrigated, ideal for agriculture. Grapes are an important crop north of San Francisco in the Napa Valley. Farther south, citrus crops such as oranges also flourish. Premium farming land is under threat, however, as the population expands.

The Native American name for Death Valley is Tomesha, which means "land where the ground is on fire."

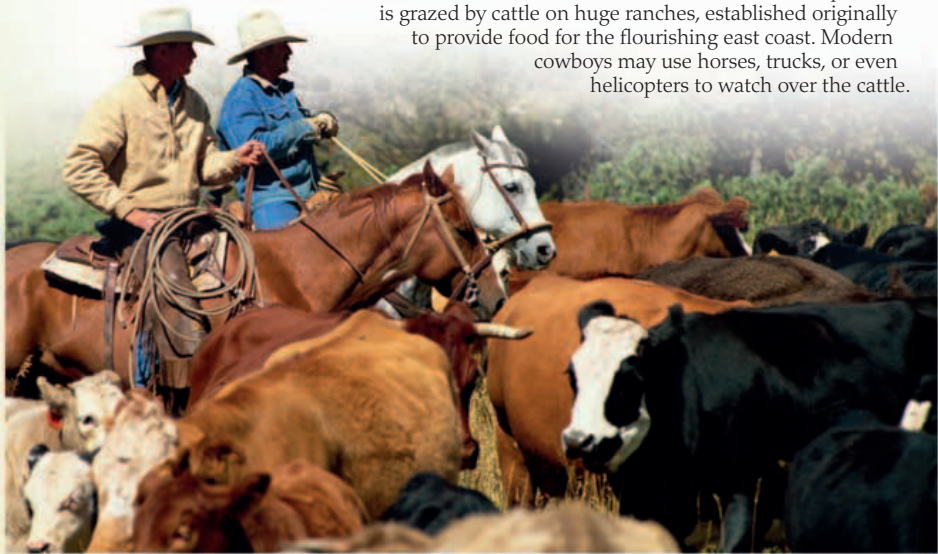


LOS ANGELES

This sprawling city—the second largest in the U.S.—is home to migrants from all over the world as well as other states in the country. Sandwiched between the coast and the mountains, the city has major air-pollution problems. This mostly arises from the exhaust fumes from the high number of cars used by commuters on the city's highways.



CATTLE RANCHES
Many people who live in Montana, Wyoming, Utah, and Colorado work in the booming farming and mining industries. A lot of the land on these foothills and plains is grazed by cattle on huge ranches, established originally to provide food for the flourishing east coast. Modern cowboys may use horses, trucks, or even helicopters to watch over the cattle.

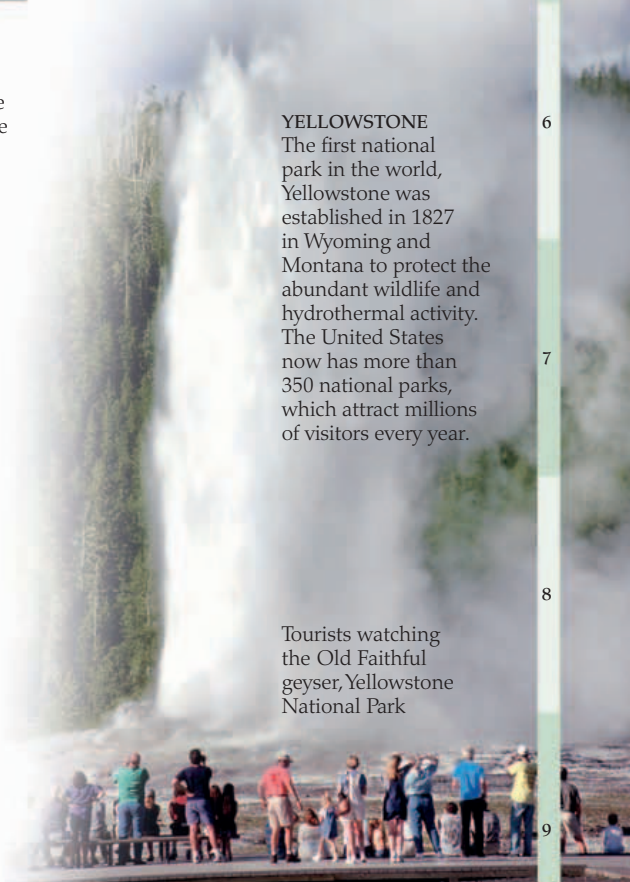


DEATH VALLEY
The driest place in the U.S. is Death Valley, which also holds the highest recorded temperature in North America of 135°F (57°C). Although seemingly inhospitable, its canyons, rock formations, and sudden spring blooms make it popular with tourists.

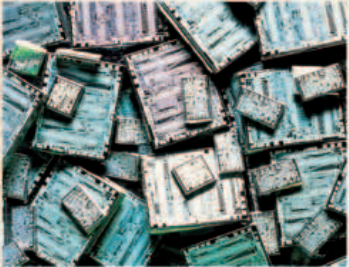


COLORADO
The Rocky Mountains cut through this region. The stunning terrain and the light, dry snow that falls here support the skiing industry in Colorado. Resorts such as Aspen are popular with Americans as well as overseas visitors.

YELLOWSTONE
The first national park in the world, Yellowstone was established in 1827 in Wyoming and Montana to protect the abundant wildlife and hydrothermal activity. The United States now has more than 350 national parks, which attract millions of visitors every year.



EARTHQUAKES
San Francisco, California suffers from frequent earthquakes owing to its location on the San Andreas fault line. Modern skyscrapers are designed to withstand tremors, but many houses, especially those on typically steep streets, are still at risk.



SILICON VALLEY
The area between Palo Alto and San Jose has been nicknamed "Silicon Valley" because of the many companies engaged in high-technology research and manufacturing here. It is the center of the world's computer industry.



Silicon, an element, is used in many computer products



U.S.A.: Southwest

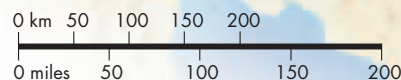
THE SOUTHWEST is an area of huge contrasts. A lot of Oklahoma and Texas consists of flat, rolling grasslands and huge farms, while both Arizona and New Mexico are hot, arid, and mountainous, with vast canyons and river valleys carving their way through the land. Since the discovery of oil in 1901, Texas has become the country's top oil producer with Houston as the center of the billion-dollar industry. Tourism is also important to the southwest, with visitors flocking to see the Grand Canyon, the Painted Desert, and other natural wonders. Buildings here reflect the mix of Hispanic, Native American, European American, and modern American cultures.



DESERT LIFE

The saguaro cactus can reach up to 50 ft (15 m) tall, grow as many as 40 branches, and live for 200 years. Cacti, yucca, and other plants have all adapted to the hot, dry desert conditions found in the Southwest. So, too, have many animals, including the deadly rattlesnake.

Saguaro cacti in the Sonoran Desert



THE GRAND CANYON

The Grand Canyon in northern Arizona is one of the natural wonders of the world. This incredibly deep gorge was slowly cut out of the rock, beginning 6 million years ago, by the Colorado River. People can hike around its edge or venture down into the canyon to camp for the night.



Suburbs of Phoenix, Arizona

HOT PLACE TO LIVE

The climate across much of the southwest is hot and dry, with summer temperatures often reaching 38°C (100°F). Although water can be scarce, many people have a swimming pool in their garden so they can cool off.



NATIVE-AMERICAN CULTURES

Native Americans, including Navajo, Hopi, and Apache, used to live across the Southwest but are now concentrated in reservations set up by the U.S. government. The largest of these is in Arizona and New Mexico and is home to the Navajo people. The Navajo farm the land and produce crafts, such as the woven blanket wrapped around these Navajo children.



Kachina doll made by the Hopi

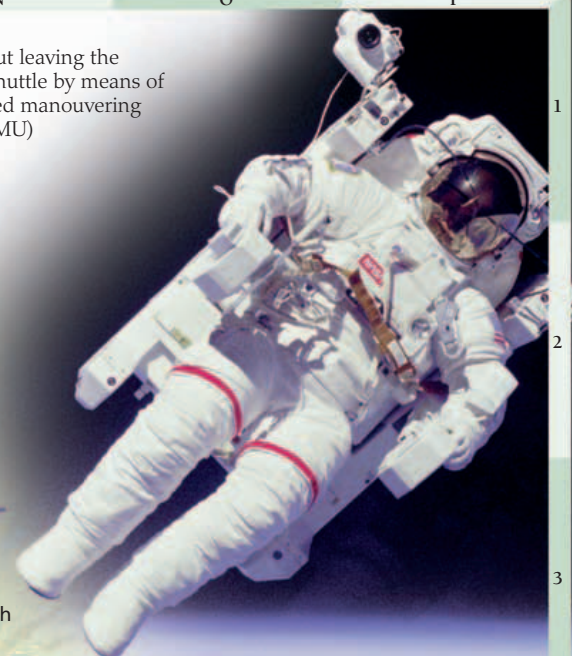




ADOBE HOUSES

Traditional homes of the Pueblo peoples of the Southwest were made from adobe bricks of sun-baked earth and straw covered with plaster. Dwellings had a flat roof and smooth walls. Modern adobe-style buildings can still be seen in the Southwest but are often made of concrete and then painted to look like adobe. Here, a woman demonstrates baking bread in an adobe oven.

Astronaut leaving the Space Shuttle by means of a manned manoeuvring unit (MMU)



NASA

Houston, Texas, is the centre of the United States space program. After a rocket has blasted off from Cape Canaveral in Florida, its journey is controlled by the National Aeronautics and Space Administration (NASA) in Houston. Astronauts are also trained at the center, and new space technology is developed here.

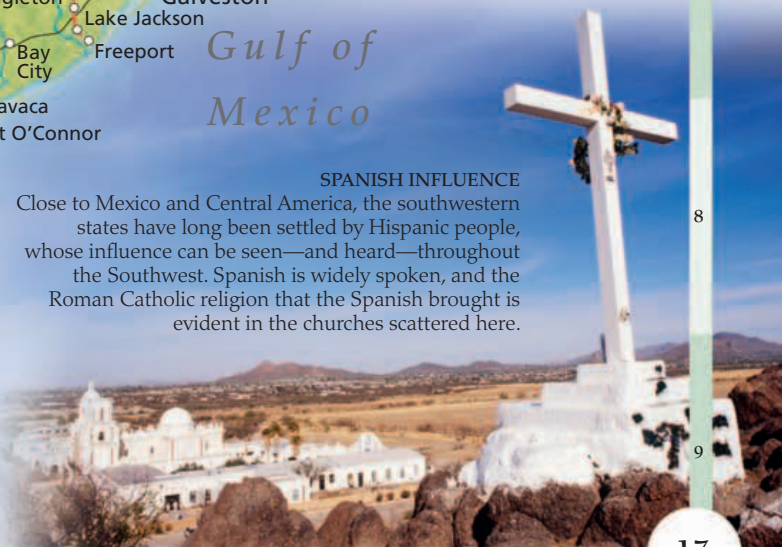
The Grand Canyon is up to 1 mile (1.6 km) deep, 18 miles (29 km) wide, and 217 miles (349 km) long.



OIL FIELDS

The oil industry has provided Texas with a lot of its wealth. Oil lies deep underground and is brought up to the surface by huge oil jacks, also known as nodding donkeys.

SPANISH INFLUENCE
Close to Mexico and Central America, the southwestern states have long been settled by Hispanic people, whose influence can be seen—and heard—throughout the Southwest. Spanish is widely spoken, and the Roman Catholic religion that the Spanish brought is evident in the churches scattered here.





Mexico

ONCE HOME TO THE GREAT Aztec and Mayan civilizations and then the focus of Spanish conquistadors who came in search of wealth, Mexico today reflects its colorful past through its culture and architecture. The majority of Mexicans is mestizo (mixed race)—of Spanish and native Indian descent. Mexico City, the site of the ancient Aztec capital, is today one of the largest cities in the world, with a population of more than 16 million. Despite oil and natural gas reserves and a plentiful supply of labor, large numbers of Mexicans are still poor, especially in rural areas and urban slums.

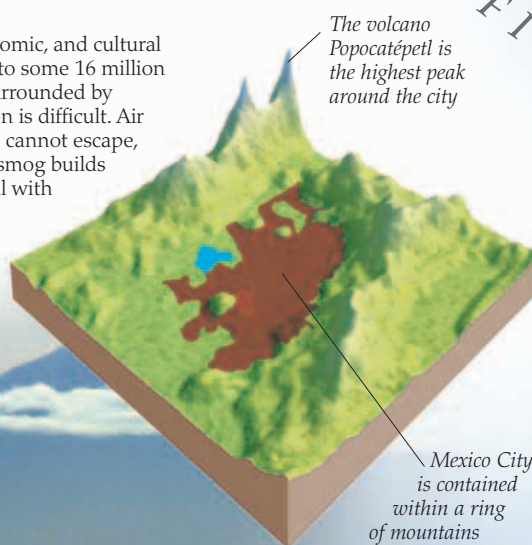
ALONG THE BORDER
In 1994, Mexico signed the North American Free Trade Agreement (NAFTA), which effectively bound its economy to that of the U.S. A large industrial area has developed along the Mexican border with the U.S., and many American companies have relocated south of the border to benefit from the lower labor costs.



DAY OF THE DEAD
One of the biggest festivals in Mexico is the Day of the Dead. It is believed that once a year the souls of the dead can come back and visit their loved ones. In celebration of this, special food is prepared to welcome the souls, and offerings of flowers, candles, and incense are made at gravesides.

LIFE IN THE CITY

Mexico City is the political, economic, and cultural hub of the country and is home to some 16 million people. Its location, in a basin surrounded by mountains, means that expansion is difficult. Air pollution from factories and cars cannot escape, so on most days a thick layer of smog builds up over the city. Attempts to deal with the pollution, including banning cars from some areas, have had limited success.



The volcano Popocatepetl is the highest peak around the city

Mexico City is contained within a ring of mountains

WORKING ON THE LAND

Agriculture employs 6.5 million people—about one eighth of Mexico's work force. However, only 12 percent of the land is suitable for farming because it is so mountainous and dry. The peasant communities of the south rely on farming for their food, while communities in the north are more industrialized. Here, the agave plant is being harvested near the town of Tequila.





Mexican selling baskets, Puerto Escondido

TOURIST INDUSTRY

One of Mexico's largest employment sectors is tourism. Tourists are attracted to the numerous beautiful beaches on both the Pacific and Caribbean coasts, as well as Mexico's rich blend of history and culture. Popular tourist sites include the archaeological remains of the Aztec and Mayan civilizations, such as the Mayan ruins of the city of Palenque.



FAMILY TIES

Mexico has a large population, almost half of which is aged 24 or under. Very often extended families live together in one house, with the mother at the center of the family. Mother's Day remains one of the most important dates in the Mexican calendar.

CHEWING GUM

Chicle is a latex produced by the sapodilla tree, native to the Yucatán Peninsula. In 1867, American inventor Thomas Adams added sugar to chicle pellets and invented an early form of chewing gum. This worker (right) is stretching heated chicle with a stick, preparing it to be made into chewing gum.



MEDIEVAL RULERS

The Aztecs ruled a large part of this region from about 1428 until 1521, when they were conquered by the Spanish. Their capital, Tenochtitlán, was located on the site that is now Mexico City. The influence of this great civilization has left its mark on Mexico—more than 1 million Mexicans speak Nahuatl, the native Aztec language. This feather headdress is thought to have belonged to Moctezuma, the last Aztec ruler.



Aztec headdress

Mexico is the world's main producer of silver, which is mined in the center of the country.





Central America

VOLCANOES, EARTHQUAKES, and hurricanes threaten the livelihoods of people in the seven countries of Central America. People here have also struggled with poverty and civil war. In more recent years, however, peace and economic recovery have offered hope, and education is now free in all countries. Remains of the ancient Mayan civilization that flourished until the 1500s, when the Spanish invaded, can be seen throughout the region. Large numbers of the native population died after the invasion, mostly from disease. Today, Spanish is the main language of the region.

Lake Nicaragua is the only freshwater lake in the world that contains sharks.



FAUNA AND FLORA

Ecotourism, which encourages visitors but aims to protect and preserve the environment, is increasingly important in the region. In Belize, tourists can dive in the clear, warm waters off the world's second-largest barrier reef, and there are wildlife hikes to many forest areas. Animals include jaguars, howler monkeys, and butterflies.

TEMPLE PYRAMIDS

Between 250–900 CE, the Maya designed ceremonial centers filled with temples, courts, and plazas. Without metal, they shaped tools from the solid lava of volcanoes to carve the limestone buildings. One of the largest sites is at Tikal (left), Guatemala, where temple remains lie in a huge area of tropical rainforest.

Pyramid has nine sloping terraces

Steps lead up to the temple at the top

DECORATED CHURCHES

The Spanish colonizers of the 1500s, and the missionaries who came with them, converted the native population and established Roman Catholicism throughout Central America. They also built many beautifully decorated churches. The one shown here, El Merced, is built in a low, squat style to resist the ever-present threat of earthquakes. The majority of people still follow the Roman Catholic faith.

VOLCANIC REGION

Central America is an unstable area because it lies along the meeting point of two of Earth's tectonic plates. There are at least 14 active volcanoes here, including Volcán de Pacaya (right). Although this makes it a dangerous place to live, the volcanic soil is very fertile and is good for crops.

FOOD MARKETS

Coffee, bananas, and sugar cane are all key exports from here to the food markets of the world. Most are cultivated on large plantations. However, food for the local population, such as potatoes, avocados, rice, and corn, is grown on small farms and sold at local markets.



Market, selling fresh fruit and vegetables

NATIVE PEOPLES

These Cuna Indians of Panama wear traditional embroidered clothes. Native Indians and mestizos (people of mixed heritage) form a small minority in the region, although the ethnic mix varies from country to country. In Guatemala, more than half the people are direct descendants of the Maya Indians.



BANANA INDUSTRY

The hot, wet climate of Honduras is perfect for cultivating fruit, such as bananas. These are often grown on huge plantations, which employ local people who may work long hours for very little pay. Once cut down, the bananas are washed, inspected, and packed into boxes to be sent overseas. Bananas are a major export for Honduras.



As bananas grow, they begin to point upward

COFFEE BEANS

Costa Rica was the first country in Central America to grow coffee and today produces more than 100,000 tons each year. Coffee is harvested from the fruit of the coffee bush. Once picked, the beans are left to dry in the sun. This worker is raking the beans as they dry.





The Caribbean

UNITED STATES
OF AMERICA

THIS REGION CONSISTS of thousands of islands stretching from Cuba in the west to Trinidad and Tobago in the southeast. European colonists wanted control of the islands in the 1500s, but the diseases they brought wiped out most of the local Carib and Arawak peoples. African slaves, imported to work on plantations, replaced local peoples, and today most of the population are descended from those Africans. English, Spanish, and French are spoken in different countries, depending on which European power claimed the territory. Tourism and agriculture are major sources of employment.



CUBA

Cuba is the largest island and the only communist country in the region. It was supported by the communist superpower, the U.S.S.R., until the U.S.S.R. collapsed in 1991, at which time many Cubans suffered great economic hardship. The Cuban government invested its money in improving social services. The people benefit from good health care and a high literacy rate. Children who complete pre-college education are awarded the *Bachillerato*.

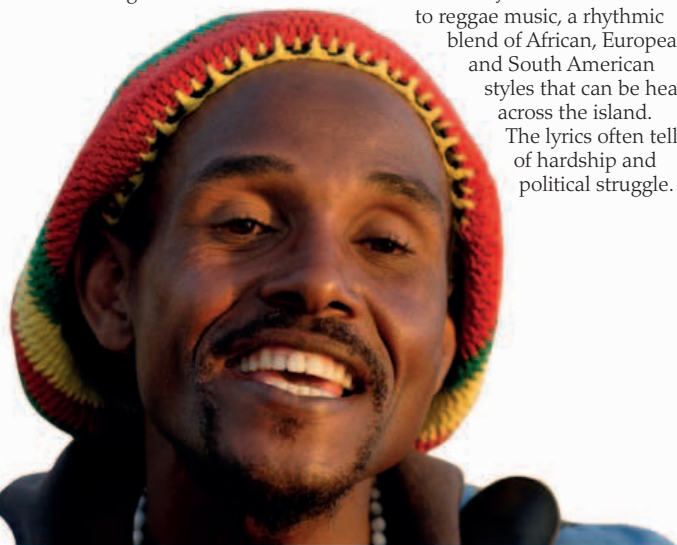


Cuba specializes in making top-quality cigars

JAMAICA

The Rastafarian religion began in Kingston, Jamaica, in the 1930s. Followers worship Haile Selassie, the former emperor of Ethiopia (Ras Tafari), and believe that God will lead black people back to Ethiopia, the Promised Land. Jamaica is also home to reggae music, a rhythmic blend of African, European, and South American styles that can be heard across the island. The lyrics often tell of hardship and political struggle.

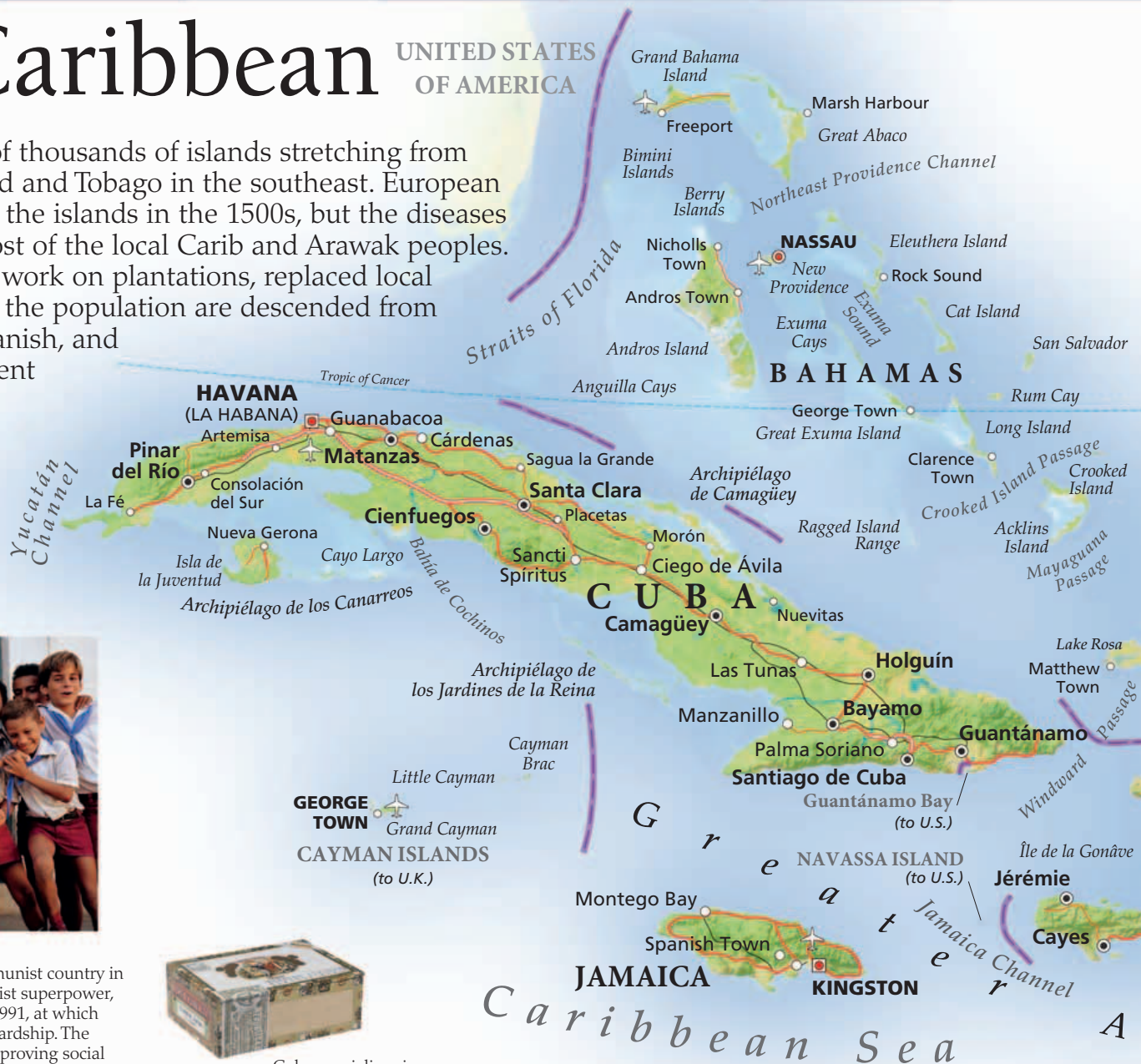
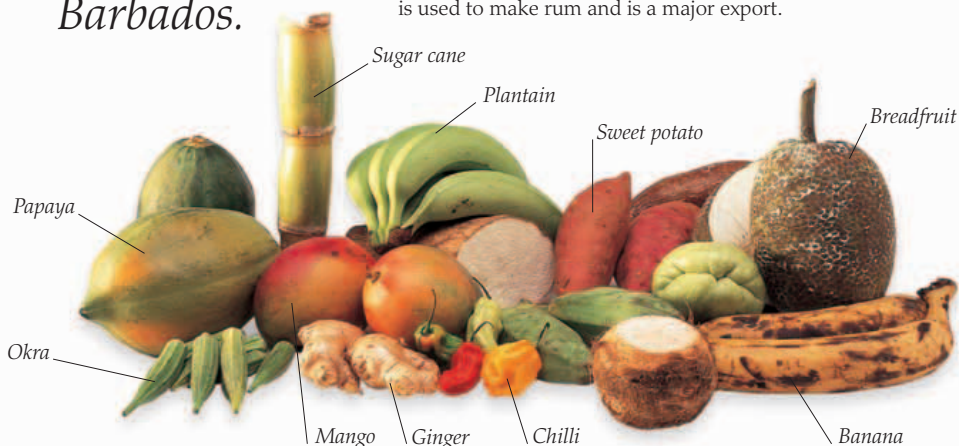
Rastafarian, whose religion forbids him from cutting his hair



The most densely populated country in the Caribbean is Barbados.

CARIBBEAN CROPS

The semitropical climate here creates ideal conditions for many crops, especially sugar. The growing and processing of sugar is an important industry in Cuba, Jamaica, and many of the Lesser Antilles, providing jobs and income for the region. Fermented cane sugar is used to make rum and is a major export.



0 km 50 100 150 200
0 miles 50 100 150 200

HURRICANES
The Caribbean islands can be devastated by hurricanes between May and October each year. These powerful and damaging storms occur when a normal storm builds up energy as it moves across the Atlantic Ocean. Eventually, violent winds and torrential rain are released on the islands.



Tropic of Cancer

Mayaguana
Caicos Passage
Little Inagua
Great Inagua

TURKS & CAICOS ISLANDS
(to U.K.)

COCKBURN TOWN

DOMINICAN REPUBLIC

Cap-Haïtien
Monte Cristi
Puerto Plata
Santiago
San Francisco de Macorís
La Vega
La Romana
Santo Domingo
Isla Saona
Mona Passage
Isla Mona
Isla Beata
n t i l l e s



Haitian man selling flowers

HAITI
Haiti was the first Caribbean country to become independent. However, political unrest, combined with poor soils, have made Haiti one of the poorest countries in the world. Health-care and sanitation levels are poor and, as a result, life expectancy is low.

FAMILY LIFE
Family is very important here, and is usually the center of everyday life. Some Caribbean people migrated to other countries, such as the U.K., but return when they retire – often bringing considerable money back with them.



TROPICAL ISLES
White sand and warm water attract vast numbers of visitors to these islands. Tourism is important to the economies of many countries, including the Bahamas and the Dominican Republic. Many people work in tourism-related jobs, such as at hotels.



Leeward Islands
Lesser Antilles
Windward Islands
Atlantic Ocean
Virgin Islands (to U.S.)
BRITISH VIRGIN ISLANDS (to U.K.)
ROAD TOWN
CHARLOTTE AMALIE
ANGUILLA (to U.K.)
THE VALLEY
Sint Maarten (to Netherlands)
ANTIGUA & BARBUDA
Barbuda
ST JOHN'S
Antigua
PLYMOUTH
GUADELOUPE (to France)
Grande Terre
Pointe-à-Pitre
Marie-Galante
BASSE-TERRE
Basse-Terre
DOMINICA
ROSEAU
Martinique
MARTINIQUE (to France)
St. Lucia Channel
ST. LUCIA
CASTRIES
Vieux Fort
Saint Vincent Passage
SAINT VINCENT & THE GRENADINES
KINGSTOWN
The Grenadines
BRIDGETOWN
GRENADA
ST. GEORGE'S
Tobago
TRINIDAD & TOBAGO
Trinidad
San Fernando
PORT-OF-SPAIN
Gulf of Paria
ARUBA (to Netherlands)
ORANJESTAD
CURAÇAO (to Netherlands)
WILLEMSTAD
BONAIRE (to Netherlands)
COLOMBIA
VENEZUELA



A TIME TO CELEBRATE
The celebration of Diwali (Hindu), Eid al-Fitr (Muslim), and Christmas (Christian) reflect the varied religions of people in Trinidad and Tobago. The woman above is dressed for Carnival in Port of Spain to mark the beginning of the Christian season of Lent.

SOUTH AMERICA

Although South America is much poorer than its northern neighbor, it is rich in natural resources. Its mineral wealth led to its invasion by the Portuguese and Spanish in the 1500s, and their languages and culture still shape the lives of the people here. The nations below are listed in order of area, headed by Brazil—the world’s fifth-largest country.

<div><div>Brazil</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>3,287,612 sq miles</div><div>8,514,877 sq km</div></div><div><div><div></div><div></div></div><div>194,000,000</div></div><div><div><div></div><div></div></div><div>Brasília</div></div><div><div><div></div><div></div></div><div>Portuguese, German, Italian, Spanish, Polish, Japanese, Amerindian languages</div></div></div></div>		<div><div>Venezuela</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>352,144 sq miles</div><div>912,050 sq km</div></div><div><div><div></div><div></div></div><div>28,600,000</div></div><div><div><div></div><div></div></div><div>Caracas</div></div><div><div><div></div><div></div></div><div>Spanish, Amerindian languages</div></div></div></div>	<div></div>	<div>Latin American culture is world famous, thanks to its infectious music and dance. Here a couple in Buenos Aires, Argentina, demonstrates the art of the tango.</div>	
	<div><div>Bolivia</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>424,164 sq miles</div><div>1,098,581 sq km</div></div><div><div><div></div><div></div></div><div>9,860,000</div></div><div><div><div></div><div></div></div><div>La Paz</div></div><div><div><div></div><div></div></div><div>Aymara, Quechua, Spanish</div></div></div></div>	<div><div>Chile</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>291,933 sq miles</div><div>756,102 sq km</div></div><div><div><div></div><div></div></div><div>17,000,000</div></div><div><div><div></div><div></div></div><div>Santiago</div></div><div><div><div></div><div></div></div><div>Spanish, Amerindian languages</div></div></div></div>			
<div><div>Argentina</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>1,073,518 sq miles</div><div>2,780,400 sq km</div></div><div><div><div></div><div></div></div><div>40,300,000</div></div><div><div><div></div><div></div></div><div>Buenos Aires</div></div><div><div><div></div><div></div></div><div>Spanish, Italian, Amerindian languages</div></div></div></div>		<div><div>Paraguay</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>157,048 sq miles</div><div>406,752 sq km</div></div><div><div><div></div><div></div></div><div>6,350,000</div></div><div><div><div></div><div></div></div><div>Asunción</div></div><div><div><div></div><div></div></div><div>Guaraní, Spanish, German</div></div></div></div>		<div><div>Ecuador</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>109,484 sq miles</div><div>283,561 sq km</div></div><div><div><div></div><div></div></div><div>13,600,000</div></div><div><div><div></div><div></div></div><div>Quito</div></div><div><div><div></div><div></div></div><div>Spanish, Quechua, other Amerindian languages</div></div></div></div>	
<div><div>Peru</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>496,225 sq miles</div><div>1,285,216 sq km</div></div><div><div><div></div><div></div></div><div>29,200,000</div></div><div><div><div></div><div></div></div><div>Lima</div></div><div><div><div></div><div></div></div><div>Spanish, Quechua, Aymara</div></div></div></div>	<div></div>	<div><div>Guyana</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>83,000 sq miles</div><div>214,969 sq km</div></div><div><div><div></div><div></div></div><div>762,500</div></div><div><div><div></div><div></div></div><div>Georgetown</div></div><div><div><div></div><div></div></div><div>English Creole, Hindi, Tamil, Amerindian languages, English</div></div></div></div>	<div><div>Uruguay</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>68,037 sq miles</div><div>176,215 sq km</div></div><div><div><div></div><div></div></div><div>3,360,000</div></div><div><div><div></div><div></div></div><div>Montevideo</div></div><div><div><div></div><div></div></div><div>Spanish</div></div></div></div>		
<div><div>Colombia</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>439,737 sq miles</div><div>1,138,914 sq km</div></div><div><div><div></div><div></div></div><div>45,700,000</div></div><div><div><div></div><div></div></div><div>Bogotá</div></div><div><div><div></div><div></div></div><div>Spanish, Wayuu, Páez, and other Amerindian languages</div></div></div></div>			<div><div>Suriname</div><div></div></div> <div><div><div><div><div></div><div></div></div><div>63,251 sq miles</div><div>163,820 sq km</div></div><div><div><div></div><div></div></div><div>519,700</div></div><div><div><div></div><div></div></div><div>Paramaribo</div></div><div><div><div></div><div></div></div><div>Sranan (creole), Dutch, Javanese, Sarnami Hindi, Saramaccan (creole), Chinese, Carib</div></div></div></div>	<div>Soccer is a national passion in Brazil. Most of these barefoot boys on Ipanema beach, Rio de Janeiro, will be dreaming of playing for Brazil in the World Cup.</div>	



Hidden high up in the Andes, the ruined city of Machu Picchu is a spectacular symbol of the Inca Empire of Peru that was destroyed by Spanish invaders.



Northwest South America

HIGH MOUNTAINS AND PLATEAUS, dense tropical rainforests, and coastal swamps are found in this region. In the 1500s, promises of untold riches attracted the Spanish to the countries here. They found the vast empire of the Inca, which stretched from what is now Peru into northern Colombia. To the north and east, other colonizers—Dutch, English, and French—arrived. Today, although the countries are independent—with the exception of French Guiana—Spanish remains the main language. The population is mostly a mix of native peoples and Europeans, except along the Caribbean coast where descendants of former African slaves live.



ANDES MOUNTAINS

The Andes, the world's longest mountain chain, extends 4,505 miles (7,250 km) down the western edge of South America. Barley, wheat, and potatoes grow well in highland areas and are cultivated on the terraced hillsides.



FRENCH GUIANA

French Guiana is the only remaining colony in South America and is governed by France. Tropical forests cover more than four fifths of its land. In 1968, the European Space Agency established a launch site on the coast in Kourou, which is still used today.

CARACAS

Venezuela's population is growing rapidly, and more than 88 percent of the people now live in cities. The oil industry brings in considerable wealth, but many people are still poor. Although Caracas, Venezuela's capital city, is an important financial center, it has many shantytowns.





ANGEL FALLS
Each year, thousands of tourists visit the spectacular Angel Falls on the Churún River in eastern Venezuela. They were spotted by an American pilot, Jimmy Angel, in 1935 and were later named after him. The water drops for 807 m (2,648 ft), making Angel Falls the highest uninterrupted waterfall in the world.

The railroad from Lima climbs 15,807 ft (4,818 m) into the Andes and is the highest in the world.

THE INCA

The Inca first lived in the mountainous area near Cusco in Peru. By the time of the Spanish invasion, the Inca Empire extended north into southern Colombia and south through Bolivia and into Argentina and Chile. The Quechua Indians were the most powerful group in the empire, and Quechua was the official language. The Quechua and Aymara peoples now live on the high plains of the Andes.



Quechua woman in Peru

LIFE ON THE HIGH PLAINS

The Altiplano is a cold plateau at high altitude between two ranges of the Andes Mountains in southwest Bolivia and southern Peru. The native peoples who live here graze sheep and llamas on the windy plains. They have usually retained their own language and customs.



MACHU PICCHU

The conquering Spaniards never found the remains of this important Inca city—it stayed a secret until Hiram Bingham, an American archaeologist and explorer, discovered its ruins hidden in the forest in 1911. Situated on a high ridge northwest of Cusco, Peru, this magnificent ruined city covers 5 sq miles (13 sq km), and has small houses, temples, and staircases built around a central square.

MINERALS

Many countries in this area have extensive reserves of gold, silver, copper, and gems. Colombia produces more than half the world's emeralds. The Inca made good use of these resources and created many beautiful golden objects, such as this llama.



LAKE TITICACA

At 12,507 ft (3,812 m), Lake Titicaca is the highest navigable lake in the world. It is also South America's largest lake. The Uru people live here in houses built on huge floating reed islands. They grow potatoes, hunt birds, and catch fish, using boats made from tightly bundled reeds.





Brazil

THE VIBRANT CULTURE OF BRAZIL—with its fusion of music and dance—reflects the rich mix of its ethnic groups. The country also boasts immense natural resources with well-developed mining and manufacturing industries. Brazil grows all of its own food and exports large quantities of coffee, sugar cane, soybeans, oranges, and cotton. However, the wealth is not evenly distributed, with some people living in luxury, most struggling with poverty. São Paulo is home to almost 10 million people, but poverty and lack of housing means that many live in shantytowns without running water or sanitation. Brazil was colonized in the 1500s by the Portuguese, who established their language and Roman Catholic faith. It remains a deeply Catholic country with a strong emphasis on family life.



AMAZON RAINFOREST

Covering more than one third of Brazil, the rainforest is home to a huge variety of animal and plant life. At one time, more than 5 million native Indians also lived here, but now only about 200,000 remain. Over the years, vast areas of forest have been cut down to provide timber for export, make way for farmland, or mine minerals such as gold, silver, and iron. The Xaxinawa Indians (left) still cultivate root vegetables as a food crop.



Brazilian morpho butterfly with brilliant blue wings, lives in rainforests from Brazil to Venezuela.



BRASÍLIA

Brasília replaced Rio de Janeiro as Brazil's capital in 1960 as part of a program to develop the interior of the country. Situated on land that was once rainforest, the city is laid out in the shape of an airplane. Government buildings are in the "cockpit," and residential areas are in the "wings."

SOCCER FANS

Brazilians are passionate about football, which is played everywhere from beaches to shantytowns. There is fervent support for the national team, which has won the World Cup more times than any other country, most recently in 2002.



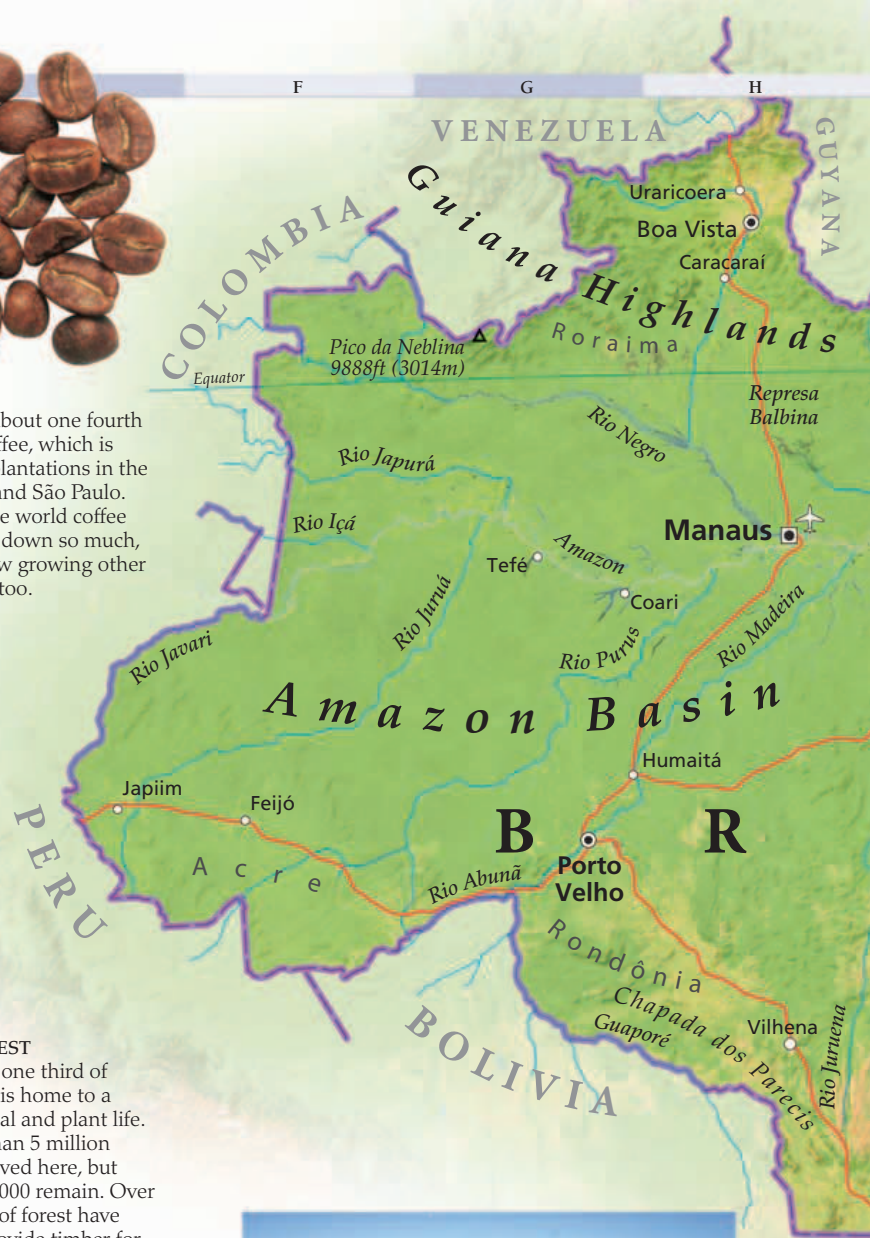
PEOPLE OF BRAZIL

Brazilians come from a variety of different ethnic groups, including descendants of the original native Indians, Portuguese colonizers, African slaves brought over to work in the sugar plantations, and European migrants.



COFFEE

Brazil produces about one fourth of the world's coffee, which is grown on large plantations in the states of Paraná and São Paulo. However, because world coffee prices go up and down so much, Brazilians are now growing other crops for export, too.





AMAZON TRANSPORT
The Amazon River provides Brazil with its most important transportation link, not only for tourists but also for trade. Large boats can travel as far inland as the city of Manaus.

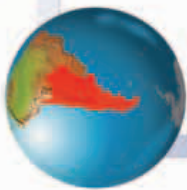


RIO CARNIVAL
During the five days leading up to Lent, Rio de Janeiro celebrates Carnival. There are parties, balls, and parades in the streets, and samba schools compete for awards for best costume and best float.

São Paulo has the world's largest Japanese community outside of Japan.



BEACH CULTURE
Wide, sandy beaches along the eastern coast of Brazil provide playgrounds for large numbers of Brazilians who come here to relax, meet friends, and play volleyball or soccer. By far the most popular beach is Copacabana (right) in Rio de Janeiro. Only the strongest swimmers brave the strong tides of the Atlantic.



Southern South America

TOWERING MOUNTAINS, vast grassy plains, and hot deserts create a very diverse geographical landscape. The four countries in this region—Chile, Paraguay, Uruguay, and Argentina—were once Spanish colonies but gained their independence in the early 1800s. Each country has an elected government, but their economies remain fragile. Most of the population speak Spanish and are mestizo—of mixed Spanish and native Indian descent—except for Argentina, where up to 97 percent are descended from Europeans.

ATACAMA DESERT

Sandwiched between the high Andes and the ocean, the Atacama Desert in northern Chile is one of the hottest and driest areas in the world. Rain hardly ever falls here. This harsh landscape, however, is rich in copper deposits.



CHILEAN EDUCATION

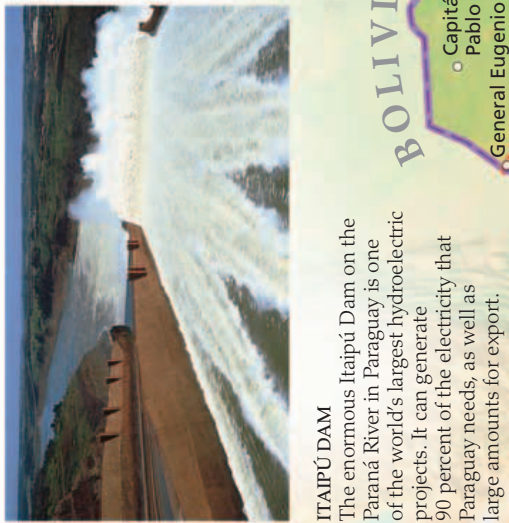
Chile has a relatively high literacy rate (ability to read and write). This may be because between the ages of 6 and 18, education is both free and compulsory.



ITAIPIÚ DAM

The enormous Itaipú Dam on the Paraná River in Paraguay is one of the world's largest hydroelectric projects. It can generate 90 percent of the electricity that Paraguay needs, as well as large amounts for export.

Mix of Colonial Spanish, Italian, and Art Deco styles of architecture shows Montevideo's rich history



URUGUAY'S CAPITAL
The capital of Uruguay, Montevideo, is home to almost half the country's population. It is also the main port and economic center. This lively capital lies on the east bank of the Río de la Plata and is a popular vacation resort because of its white sandy beaches.





WINES FROM CHILE

About 90 percent of Chileans live in the central region, where the rich soil is ideal for a wide range of agriculture. Vines were brought to Chile by the Spaniards, and the country now has an important winemaking industry that exports wine all over the world.



ANDES WEATHER

The Andes stretch the entire length of South America, and this has a major effect on the weather. As westerly air from the Pacific Ocean rises over the mountains, its moisture can fall as rain and snow. By the time it reaches the eastern side, the air is much drier and the landscape is more arid.

Plate
de la Plata



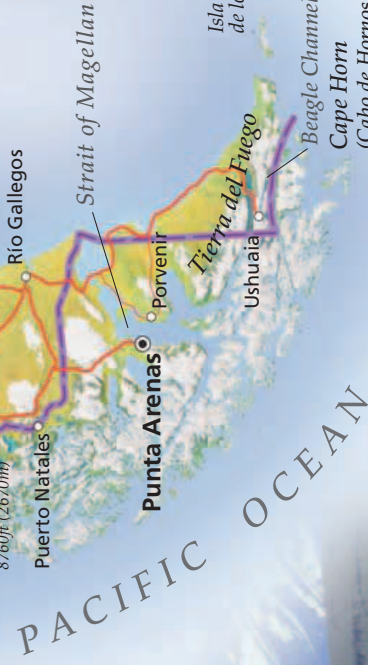
BUENOS AIRES

More than one third of Argentina's population lives in or around the capital, Buenos Aires. A thriving port on the River Plate estuary, it is the largest city in Argentina. The colorful La Boca neighborhood, with its painted walls, is home to the descendants of Italian immigrants.

DANCING THE TANGO

Popular around the world today, the tango originated in the slums of Buenos Aires in the late 1800s. This passionate dance with its characteristic rhythm is accompanied by music on a type of accordion known as a *bandoneón*, together with the piano and violin.

Chile has a large concentration of astronomical observatories because of its exceptionally clear skies.



PAMPAS

Vast treeless plains called the Pampas—which means "flat" in Spanish—cover most of southern and western Argentina. The Pampas are used to grow grain and raise cattle. Gauchos—Argentinian cowboys—work on large ranches, or *estancias*.

Gauchos herding cattle in the Pampas region





Atlantic Ocean

THE WORLD'S SECOND-LARGEST OCEAN, the Atlantic separates the Americas from Europe and Africa. The Atlantic is the world's youngest ocean, starting to form about 180 million years ago, as the continental plates began to separate. This movement continues today, as the oceanic plates that meet at the Mid-Atlantic Ridge continue to pull apart. The Atlantic is a major source of fish but, due to overfishing, stocks are now low. Many shipping routes cross the Atlantic, and pollution is an international problem as ships dump chemicals and waste. There are substantial reserves of oil and gas in the Gulf of Mexico, off the coast of west Africa, and in the north Atlantic.

WARM CURRENTS

The Gulf Stream flows up the east coast of North America and across the Atlantic. It brings warm water and a mild climate to northern Europe, which would otherwise be cooler.



Mid-Atlantic Ridge

Tristan da Cunha island

At the center of the ridge is a valley at least 10 miles (16 km) wide

UNDERWATER MOUNTAINS

The Mid-Atlantic Ridge is a huge underwater mountain chain that runs the entire length of the Atlantic. It was formed by magma that oozed up from the sea bed, cooled to create solid rock, and gradually built up to form a ridge. Some peaks are so high that they break the surface to form volcanic islands, such as the country of Iceland.

WHALES

Many whales live in the Atlantic, migrating from summer feeding grounds in the cold polar regions to warmer waters in the Caribbean for the winter. They give birth and mate again before returning north.

Humpback whale breaching



FALKLANDS

Set in the windy south Atlantic off the coast of Argentina, the Falkland Islands belong to the U.K. but are also claimed by Argentina. Fishing and sheep farming are important. The land is rocky, mountainous, boggy, and almost treeless.

GREENLAND

The largest island in the world, Greenland is a self-governing part of Denmark. Most Greenlanders live on the southwest coast. Mostly Inuit, with some Danish-Norwegian influences, they make their living by seal hunting, fishing, and fur trapping.



Fishing for halibut

TOURISM

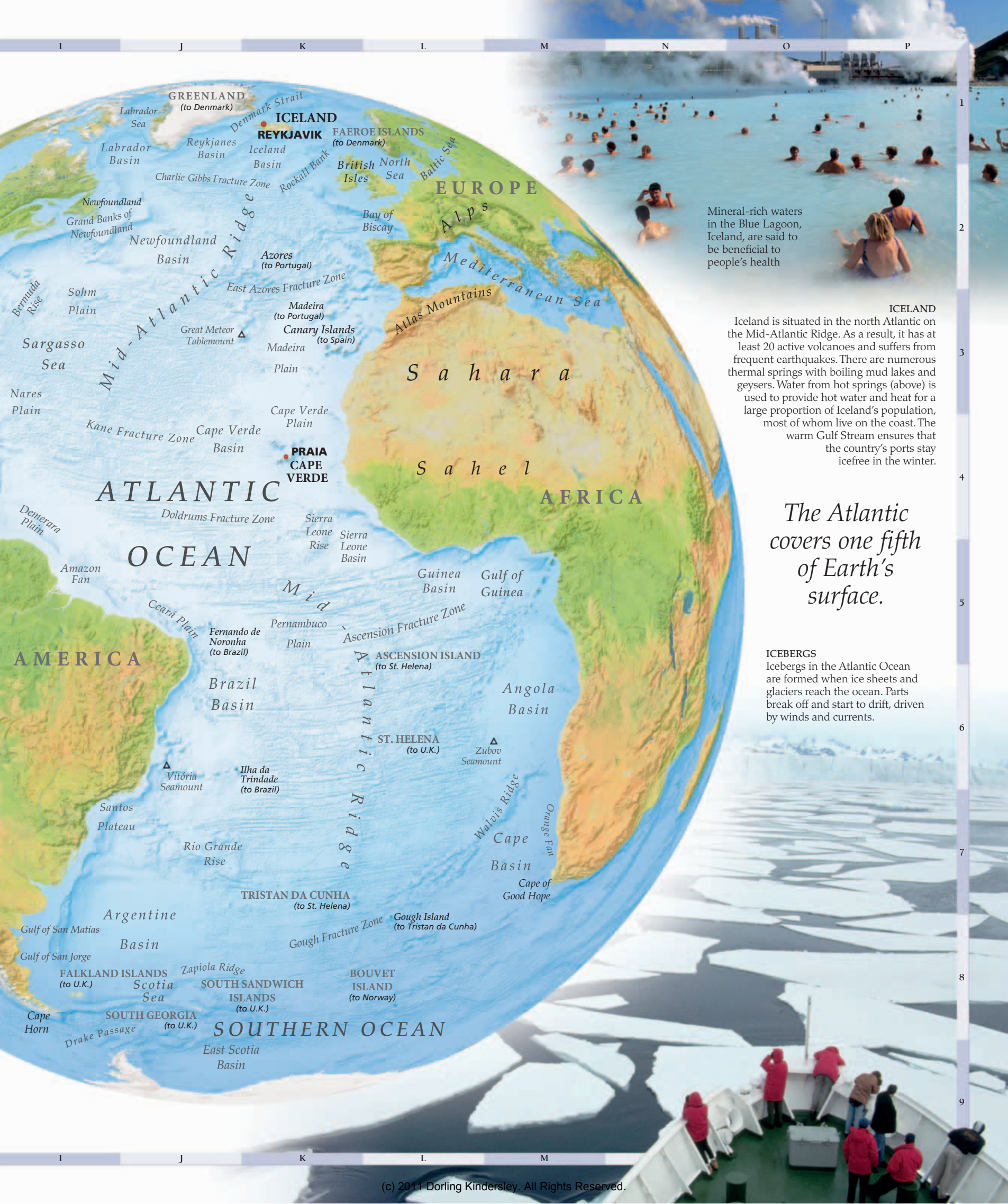
The volcanic islands and black beaches of the eastern Atlantic, especially the Canaries (left), Madeira, and the Azores, are popular with tourists, who are attracted to the scenery and subtropical climate.



ATLANTIC FISHING INDUSTRY

The Atlantic Ocean contains more than half of the world's total stock of fish. Herring, anchovy, sardine, cod, flounder, and tuna are among the most important fish found here. However, overfishing, especially of cod and tuna, has caused a significant decline in numbers.





Mineral-rich waters in the Blue Lagoon, Iceland, are said to be beneficial to people's health

ICELAND
Iceland is situated in the north Atlantic on the Mid-Atlantic Ridge. As a result, it has at least 20 active volcanoes and suffers from frequent earthquakes. There are numerous thermal springs with boiling mud lakes and geysers. Water from hot springs (above) is used to provide hot water and heat for a large proportion of Iceland's population, most of whom live on the coast. The warm Gulf Stream ensures that the country's ports stay icefree in the winter.


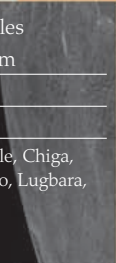
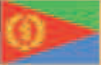
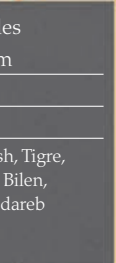

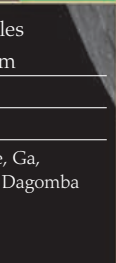





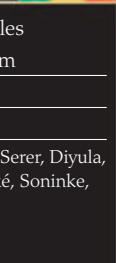

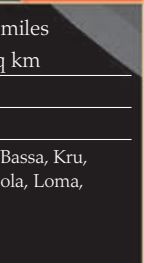

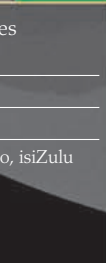

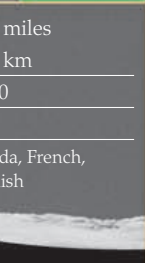

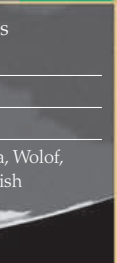

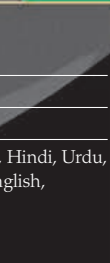

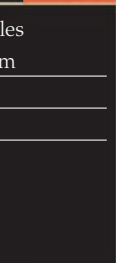







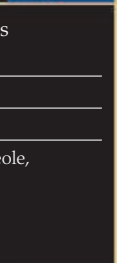

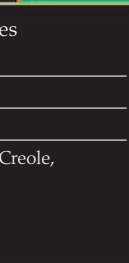

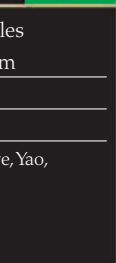

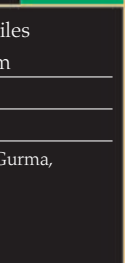

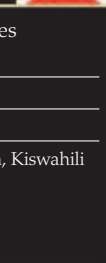

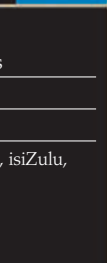


The Atlantic covers one fifth of Earth's surface.

ICEBERGS
Icebergs in the Atlantic Ocean are formed when ice sheets and glaciers reach the ocean. Parts break off and start to drift, driven by winds and currents.

AFRICA

Covering one fifth of the world's land area, Africa has a rapidly growing population. Many of its 52 nations—listed below in order of size—are desperately poor. This is partly due to hostile climates, especially in and around the vast Sahara desert, but also because of a history of political turmoil, ethnic tension or conflict and, in some countries, war. Despite this, African culture is among the most vibrant on Earth.

Sudan  967,500 sq miles 2,505,813 sq km 42,300,000 Khartoum Arabic, Dinka, Nuer, Nubian, Beja, Zande, Bari, Fur, Shilluk, Lotuko	Chad  495,755 sq miles 1,284,000 sq km 11,200,000 N'Djamena French, Sara, Arabic, Maba	Ethiopia  426,373 sq miles 1,104,300 sq km 82,800,000 Addis Ababa Amharic, Tigrinya, Galla, Sidamo, Somali, English, Arabic (Oromu)	Namibia  318,261 sq miles 824,292 sq km 2,170,000 Windhoek Ovambo, Kavango, English, Bergdama, German, Afrikaans	Madagascar  226,658 sq miles 587,041 sq km 19,600,000 Antananarivo Malagasy, French	Zimbabwe  150,872 sq miles 390,757 sq km 12,500,000 Harare Shona, isiNdebele, English
Algeria  919,595 sq miles 2,381,741 sq km 34,900,000 Algiers Arabic, Tamazight (Berber: Kabyle, Shawia, Tamashek), French	Niger  489,191 sq miles 1,267,000 sq km 15,300,000 Niamey Hausa, Djermma, Fula, Tuareg, Teda, French	Mauritania  397,955 sq miles 1,030,700 sq km 3,290,000 Nouakchott Hassaniyah Arabic, Wolof, French	Mozambique  308,642 sq miles 799,380 sq km 22,900,000 Maputo Makua, Xitsonga, Sena, Lomwe, Portuguese	Botswana  224,607 sq miles 581,730 sq km 1,950,000 Gaborone Setswana, English, Shona, San, Khoikhoi, isiNdebele	Ivory Coast  124,504 sq miles 322,463 sq km 21,100,000 Yamoussoukro Akan, French, Kru, Voltaïque
Congo, Dem Rep of  905,355 sq miles 2,344,858 sq km 66,000,000 Kinshasa Kiswahili, Tshiluba, Kikongo, Lingala, French	Angola  481,354 sq miles 1,246,700 sq km 18,500,000 Luanda Portuguese, Umbundu, Kimbundu, Kikongo	Egypt  386,662 sq miles 1,001,450 sq km 83,000,000 Cairo Arabic, French, English, Berber	Zambia  290,587 sq miles 752,618 sq km 12,900,000 Lusaka Bemba, Tongan, Nyanja, Lozi, Lala-Bisa, Nsenga, English	Kenya  224,081 sq miles 580,367 sq km 39,800,000 Nairobi Kiswahili, English, Kikuyu, Luo, Kalenjin, Kamba	Burkina Faso  105,869 sq miles 274,200 sq km 15,800,000 Ouagadougou Mossi, Fulani, French, Tuareg, Diyula, Songhai
Congo, Republic of  905,355 sq miles 2,344,858 sq km 3,680,000 Brazzaville Kikongo, Teke, Lingala, French	Mali  478,841 sq miles 1,240,192 sq km 13,000,000 Bamako Bambara, Fula, Senufo, Soninke, French	Tanzania  365,755 sq miles 947,300 sq km 43,700,000 Dodoma Kiswahili, Sukuma, Kichagga, Nyamwezi, Hehe, Makonde, Yao, Sandawe, English	Somalia  246,201 sq miles 637,657 sq km 9,130,000 Mogadishu Somali, Arabic, English, Italian	Cameroon  183,568 sq miles 475,440 sq km 19,500,000 Yaoundé Bamileke, Fang, Fula, French, English	Gabon  103,347 sq miles 267,667 sq km 1,470,000 Libreville Fang, French, Punu, Sira, Nzebi, Mpongwe
Libya  679,362 sq miles 1,759,540 sq km 6,420,000 Tripoli Arabic, Tuareg	South Africa  470,693 sq miles 1,219,090 sq km 50,100,000 Tshwane English, isiZulu, isiXhosa, Afrikaans, Sepedi, Setswana, Sesotho, Xitsonga, siSwati, Tshivenda, isiNdebele	Nigeria  356,669 sq miles 923,768 sq km 155,000,000 Abuja Hausa, English, Yoruba, Igbo	Central African Republic  240,535 sq miles 622,984 sq km 4,420,000 Bangui Sango, Banda, Gbaya, French	Morocco  172,414 sq miles 446,550 sq km 32,000,000 Rabat Arabic, Tamazight (Berber), French, Spanish	Guinea  94,926 sq miles 245,857 sq km 10,100,000 Conakry Pulaar, Malinké, Sousou, French

Uganda   93,065 sq miles 241,038 sq km 32,700,000 Kampala Luganda, Nkole, Chiga, Lango, Acholi, Teso, Lugbara, English	Eritrea   45,406 sq miles 117,600 sq km 5,070,000 Asmara Tigrinya, English, Tigre, Afar, Arabic, Saho, Bilen, Kunama, Nara, Hedareb				
Ghana   92,098 sq miles 238,533 sq km 23,800,000 Accra Twi-Fanti, Ewe, Ga, Adangbe, Gurma, Dagomba (Dagbani)	Benin   112,622 sq km 43,484 sq miles 8,940,000 Porto-Novo Fon, Bariba, Yorùbá, Adja, Houeda, Somba, French	Guinea-Bissau   13,948 sq miles 36,125 sq km 1,610,000 Bissau Portuguese Creole, Balante, Fula, Malinké, Portuguese			
Senegal   75,955 sq miles 196,722 sq km 12,500,000 Dakar Wolof, Pulaar, Serer, Diyula, Mandinka, Malinké, Soninke, French	Liberia   43,000 sq miles 111,369 sq km 3,960,000 Monrovia Kpelle, Vai, Bassa, Kru, Grebo, Kissi, Gola, Loma, English	Lesotho   11,720 sq miles 30,355 sq km 2,070,000 Maseru English, Sesotho, isiZulu	Rwanda   10,169 sq miles 26,338 sq km 10,000,000 Kigali Kinyarwanda, French, Kiswahili, English	Gambia   4,361 sq miles 11,295 sq km 1,710,000 Banjul Mandinka, Fula, Wolof, Jola, Soninke, English	Mauritius   788 sq miles 2,040 sq km 1,290,000 Port Louis French Creole, Hindi, Urdu, Tamil, Chinese, English, French
Tunisia   63,170 sq miles 163,610 sq km 10,300,000 Tunis Arabic, French	Sierra Leone   27,699 sq miles 71,740 sq km 5,700,000 Freetown Mende, Temne, Krio, English	Equatorial Guinea   10,831 sq miles 28,051 sq km 676,300 Malabo Spanish, Fang, Bubi, French	Djibouti   23,200 sq km 8,958 sq miles 864,200 Djibouti City Somali, Afar, French, Arabic	Cape Verde   1,557 sq miles 4,033 sq km 505,600 Praia Portuguese Creole, Portuguese	São Tomé and Príncipe   372 sq miles 964 sq km 162,800 São Tomé Portuguese Creole, Portuguese
Malawi   45,747 sq miles 118,484 sq km 5,300,000 Lilongwe Chewa, Lomwe, Yao, Ngoni, English	Togo   21,925 sq miles 56,785 sq km 6,620,000 Lomé Ewe, Kabye, Gurma, French	Burundi   10,745 sq miles 27,830 sq km 8,300,000 Bujumbura Kirundi, French, Kiswahili	Swaziland   17,364 sq km 6,704 sq miles 1,180,000 Mbabane English, siSwati, isiZulu, Xitsonga	Comoros   863 sq miles 2,235 sq km 676,000 Moroni Arabic, Comorian, French	



Northwest Africa

FOUR COUNTRIES, plus the disputed area of Western Sahara, make up this part of Africa. Algeria, Libya, and Tunisia have rich supplies of oil and natural gas that boost their economies. Morocco relies on tourism, phosphates used for chemicals and fertilizer, and agriculture. In the fertile valleys of the Atlas Mountains, farmers grow grapes, citrus fruit, dates, and olives. The area also attracts tourists to its colorful markets, historical sites, and sandy beaches. The Sahara Desert dominates the region, especially in Algeria and Libya.



SUN AND SEA

Many tourists visit Tunisia and Morocco each year to enjoy the warm climate and sandy beaches. Tourism provides jobs for the local people and brings much-needed income.

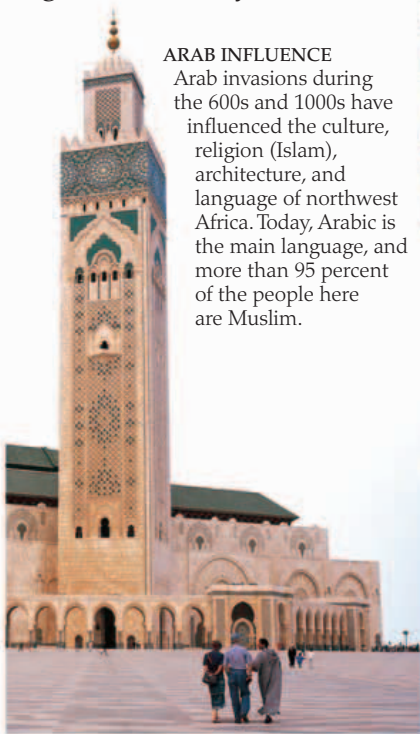
ARAB INFLUENCE

Arab invasions during the 600s and 1000s have influenced the culture, religion (Islam), architecture, and language of northwest Africa. Today, Arabic is the main language, and more than 95 percent of the people here are Muslim.



MOROCCAN MARKET

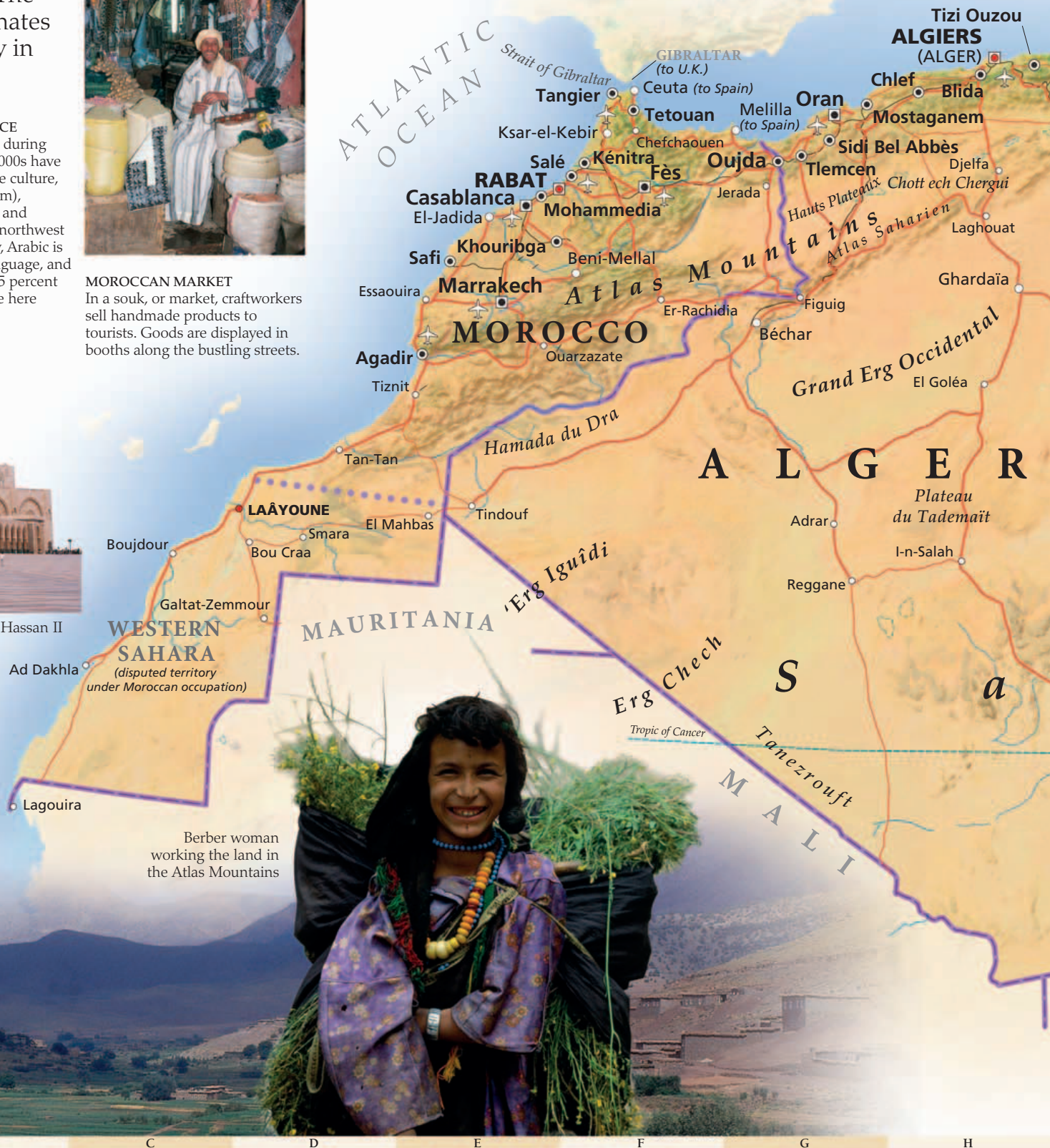
In a souk, or market, craftworkers sell handmade products to tourists. Goods are displayed in booths along the bustling streets.



Muslims going to worship at the Hassan II mosque in Casablanca, Morocco

BERBERS

The Berber people were the original inhabitants of northwest Africa. Most now live in the Atlas Mountains or the desert. Although most Berbers converted to Islam when the Arabs arrived, they kept their own language and way of life. In 2001, Algeria recognized Berber (Tamazight) as an official language.



Berber woman working the land in the Atlas Mountains



DATE PALMS

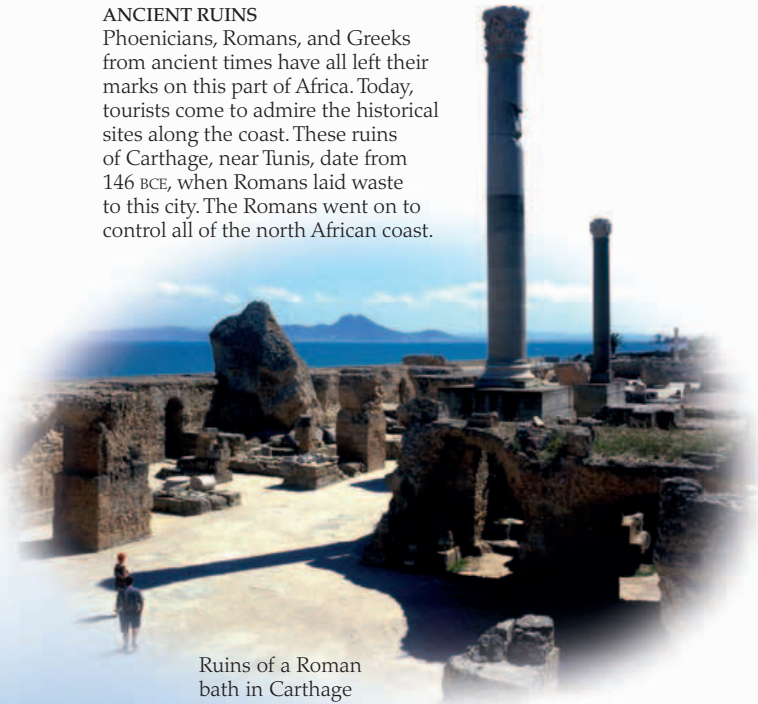
Dates are an important crop for Algeria and Tunisia. Date palms are often grown at oases, where water lies close to the surface of the desert. Here, the clusters of dates are shown ripening beneath polyethylene. Leaves from the trees can be used for thatch and the trunk is cut for timber.



The pits from dates can be roasted and ground to make a traditional date coffee.

ANCIENT RUINS

Phoenicians, Romans, and Greeks from ancient times have all left their marks on this part of Africa. Today, tourists come to admire the historical sites along the coast. These ruins of Carthage, near Tunis, date from 146 BCE, when Romans laid waste to this city. The Romans went on to control all of the north African coast.



Ruins of a Roman bath in Carthage

SURVIVAL IN THE SAHARA

The Sahara Desert covers almost one third of Africa and is an inhospitable place to live, with high daytime temperatures and freezing nights. The Tuareg are nomads and call the desert home. Traditionally, they raise camels for transportation and to provide meat, milk, and hides. Many Tuareg now live in mountain areas or dwell in cities.



Tuareg nomads in the Sahara carry salt to trade in markets



LIBYAN OIL RESOURCES

The discovery of oil and gas in 1959 brought considerable wealth to Libya, and oil and gas currently make up 95 percent of the country's exports. As a result, Libya's cities have grown as people have moved from rural areas to find work in the oil industry. Some of the money from oil is spent on better health care and education for Libyans.



Northeast Africa

THIS REGION, KNOWN AS the Horn of Africa, contains the oldest civilizations in the continent and some of its poorest countries. The borders that divide the countries today were mostly created by colonial rulers in the last 100 years. Pastoral nomads with their herds of animals often cross these borders in search of pastures. Most people still live in the countryside and farm the land, but many people now live in cities. Tourism and agriculture are important sources of income for Egypt and Kenya, two of the richest and fastest-growing countries in the region. Elsewhere, tribal rivalries and disputes over land and resources have sometimes erupted into full-scale wars and these, together with droughts and poverty, have blighted the lives of millions of people in the region.



ABU SIMBEL
Tourists come to Egypt to see the pyramids in Giza and the temples along the Nile River, such as these two built in Abu Simbel, south of Aswan. Tourism brings in money to preserve these historical sites.

SUEZ CANAL
The Suez Canal, opened in 1869, is one of the world's longest and most important artificial waterways. It links the Mediterranean Sea with the Gulf of Suez and the Red Sea, providing a crucial shortcut from Europe to India and east Asia. The tolls from the canal are a large source of income for Egypt.



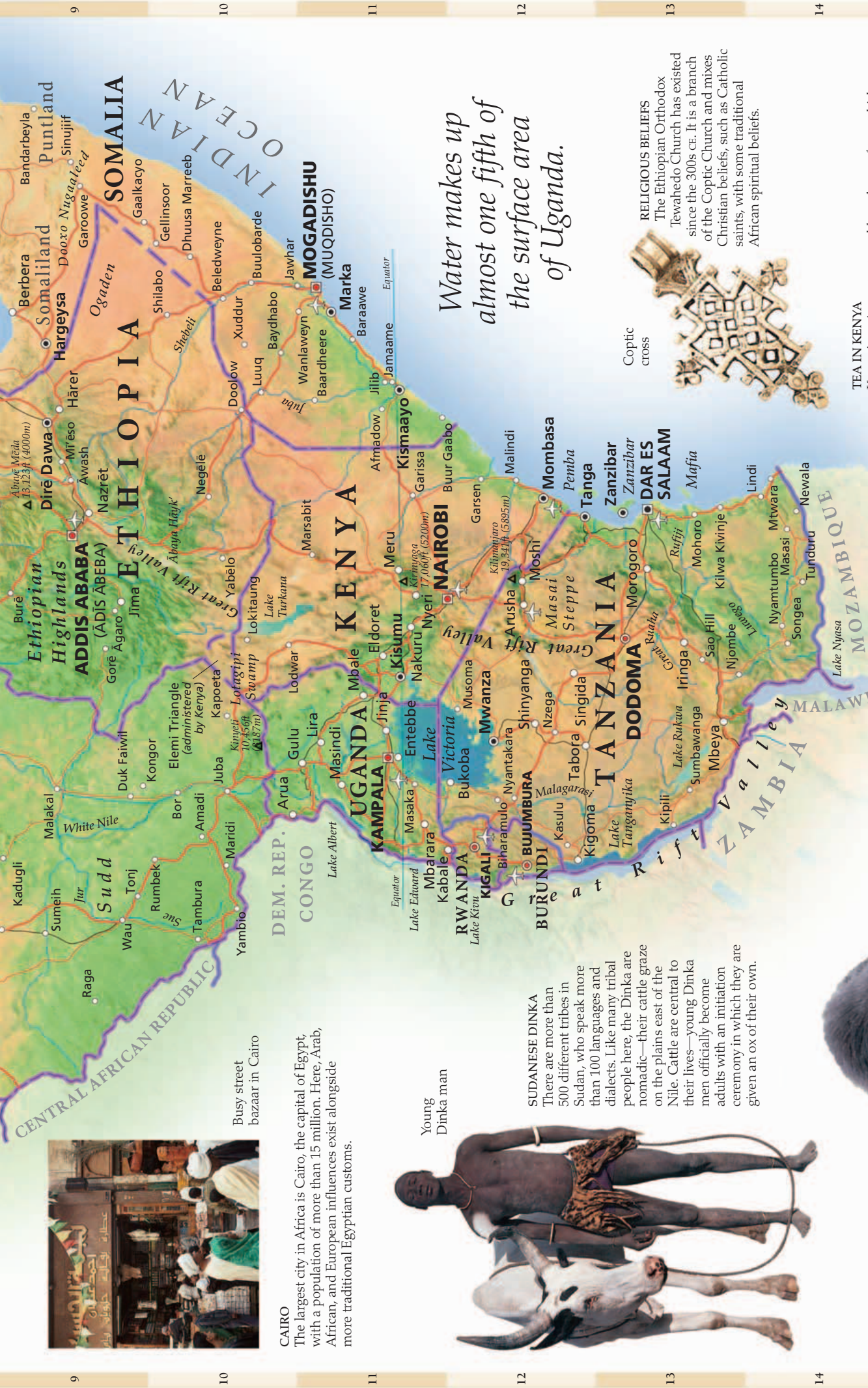
Plowing fields in Ethiopia



LOSING FARMLAND
As the population grows in Ethiopia, forests are cut down for firewood or to cultivate new areas for food crops. The soil, no longer held firm by the trees, is easily blown or washed away, and valuable farmland is lost.

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Busy street bazaar in Cairo

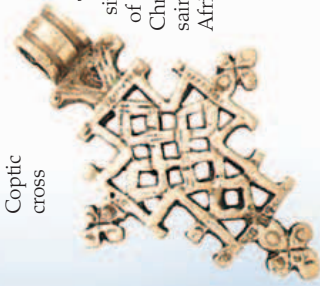
CAIRO
The largest city in Africa is Cairo, the capital of Egypt, with a population of more than 15 million. Here, Arab, African, and European influences exist alongside more traditional Egyptian customs.



Young Dinka man

SUDANESE DINKA
There are more than 500 different tribes in Sudan, who speak more than 100 languages and dialects. Like many tribal people here, the Dinka are nomadic—their cattle graze on the plains east of the Nile. Cattle are central to their lives—young Dinka men officially become adults with an initiation ceremony in which they are given an ox of their own.

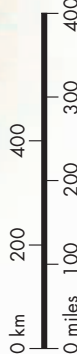
Water makes up almost one fifth of the surface area of Uganda.



RELIGIOUS BELIEFS
The Ethiopian Orthodox Tewahedo Church has existed since the 300s CE. It is a branch of the Coptic Church and mixes Christian beliefs, such as Catholic saints, with some traditional African spiritual beliefs.

TEA IN KENYA
Kenya is an important world producer of tea, which is grown on plantations in the highland areas (such as this one below). High rainfall here ensures good crops. Coffee is also a valuable export.

Kenyan workers carefully select tea leaves for picking.

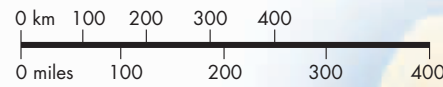


MOUNTAIN GORILLAS
The Volcanoes National Park in Rwanda is one of the few places where you can still see a mountain gorilla (right) in the wild. These animals are threatened with extinction because of poachers and the destruction of their habitat. Tanzania and Kenya also have many important game reserves that preserve the wildlife of the savanna.





West Africa



DRAMATICALLY DIFFERENT CLIMATES and landscapes influence life in west Africa. In the hot, dry north, it is difficult to grow crops. Only oases in the Sahara Desert and seasonal rainfall in the Sahel make crop-growing possible. To the south, the climate is warm and wet, and crops such as cocoa and coffee are grown on large plantations. This region also has many valuable minerals. Despite these rich resources, most countries are poor. Since independence from colonial powers, there has been a lot of political unrest, often sparked by poverty and tribal rivalries in the region. West Africa is also divided by religion, with Islam dominant in the north and Christianity in the south.



GAMBIA

In recent years, tourism has become increasingly important to the economy of Gambia. Visitors come to see wildlife along the Gambia River and to visit the Atlantic coast beaches. These safari tourists are admiring a giant termite mound.

PEOPLE OF GHANA

Family ties and a sense of community are important to the people of Ghana, and ceremonies throughout the year mark the events of childbirth, puberty, marriage, and death. About half of Ghanaians are Ashanti people whose ancestors developed one of the richest and most notable civilizations in Africa.

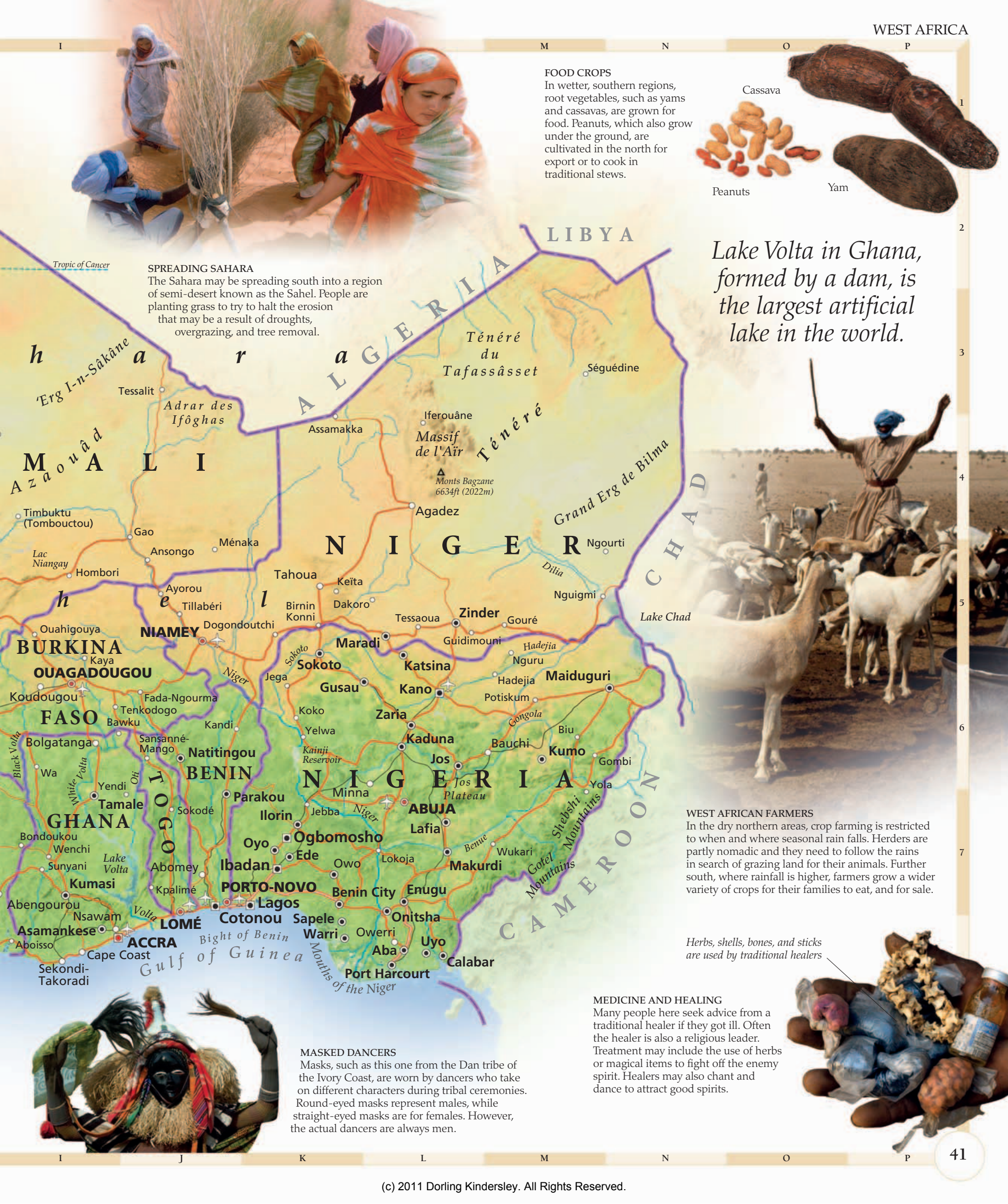


ATLANTIC OCEAN

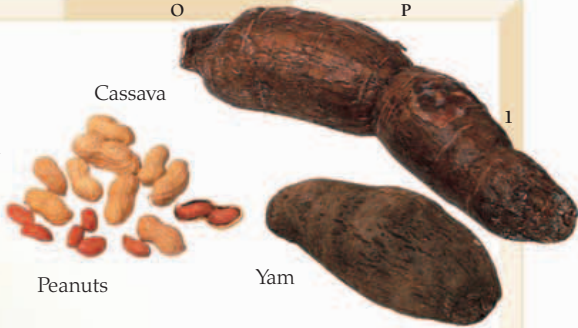


DIAMONDS AND GOLD

West Africa has many valuable minerals, including diamonds, uranium, copper, and gold. In Sierra Leone, where diamonds (left) provide crucial income, the mines have been a focus of fighting in the civil war between rebel groups and the government.



FOOD CROPS
In wetter, southern regions, root vegetables, such as yams and cassavas, are grown for food. Peanuts, which also grow under the ground, are cultivated in the north for export or to cook in traditional stews.



Lake Volta in Ghana, formed by a dam, is the largest artificial lake in the world.



WEST AFRICAN FARMERS
In the dry northern areas, crop farming is restricted to when and where seasonal rain falls. Herders are partly nomadic and they need to follow the rains in search of grazing land for their animals. Further south, where rainfall is higher, farmers grow a wider variety of crops for their families to eat, and for sale.

Herbs, shells, bones, and sticks are used by traditional healers



MEDICINE AND HEALING
Many people here seek advice from a traditional healer if they got ill. Often the healer is also a religious leader. Treatment may include the use of herbs or magical items to fight off the enemy spirit. Healers may also chant and dance to attract good spirits.

MASKED DANCERS
Masks, such as this one from the Dan tribe of the Ivory Coast, are worn by dancers who take on different characters during tribal ceremonies. Round-eyed masks represent males, while straight-eyed masks are for females. However, the actual dancers are always men.



SPREADING SAHARA
The Sahara may be spreading south into a region of semi-desert known as the Sahel. People are planting grass to try to halt the erosion that may be a result of droughts, overgrazing, and tree removal.



Central Africa

ALL EIGHT COUNTRIES in central Africa were European colonies with a painful history of slavery. Since the 1960s, independence has brought them mixed success. Rich mineral deposits and the discovery of offshore oil reserves have provided income for Cameroon, Congo, and Gabon, while civil war and repressive governments have damaged other countries in the region. These include Chad and the Central African Republic, two of the world's poorest countries.

Although the north is mostly arid, Africa's largest tropical rainforest dominates the south, with the powerful Congo River linking the interior with the coast. The tiny, volcanic country of São Tomé and Príncipe lies off the coast of Gabon.

RELIGIOUS BELIEFS
Although Christianity is the main religion here, many people also follow traditional beliefs. These suggest that natural objects, such as mountains and rivers, have spirits. Masks, like this Bamibuku head, are sometimes used to scare off evil spirits.



VILLAGE LIFE
Most people in rural areas live in villages or small towns. Some grow crops, such as cotton or cassava, for sale, but many exist by growing food just for their family.

FISHING IN LAKE CHAD

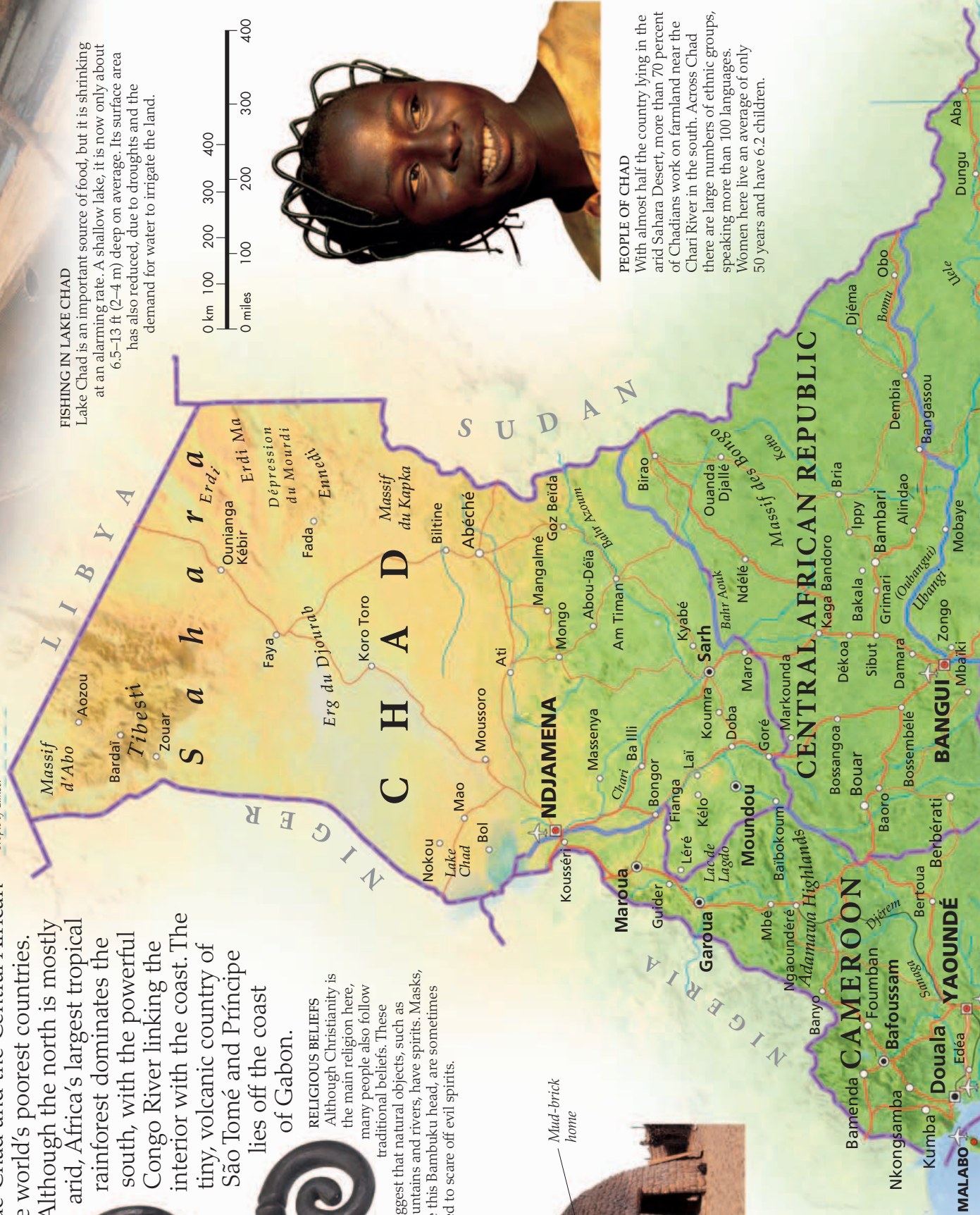
Lake Chad is an important source of food, but it is shrinking at an alarming rate. A shallow lake, it is now only about 6.5–13 ft (2–4 m) deep on average. Its surface area has also reduced, due to droughts and the demand for water to irrigate the land.



PEOPLE OF CHAD

With almost half the country lying in the arid Sahara Desert, more than 70 percent of Chadians work on farmland near the Chari River in the south. Across Chad there are large numbers of ethnic groups, speaking more than 100 languages. Women here live an average of only 50 years and have 6.2 children.

Tropic of Cancer





CONGO
The Congo River, also called the Zaire, is a crucial part of the area's transportation system. Dugout canoes and motor boats take people, goods, and even health clinics from cities to the villages and back. The river is home to many species of fish, as well as crocodiles.

The waters of the Congo River have the capacity to provide electrical power for all of Africa.

REFUGEES
There are more than 5.4 million African refugees south of the Sahara—more than 40 percent of the world's total. Conflicts, such as the civil war in Chad, and corrupt governments, such as in the Central African Republic, have resulted in huge numbers of Africans leaving their homes.

MINING FOR COPPER
The Democratic Republic of the Congo has vast reserves of copper and was once one of the world's major exporters. More recently, however, competition from lower-cost producers, such as Chile, has seen a dramatic downturn in the industry.

Copper

LOGGING IN GABON
Timber provides valuable income for Gabon, with most of the demand for okoumé—a softwood used to make plywood. Hardwoods, such as mahogany and ebony, are also felled. Because logging poses a threat to the future of the forests, the government is now setting up conservation programs, including 15 national parks that together cover at least 10 percent of the country.





Southern Africa

0 km 200 400
0 miles 200 400

FROM THE DRAMATIC Namib and Kalahari deserts in the west to the tropical forests in the north, southern Africa is a region of contrasts. Oil, diamonds, gold, and other precious metals are all mined here. There are huge inland plains that are home to a variety of wildlife and large areas devoted to agriculture. But flooding and droughts, together with civil unrest, have hampered development so that, despite an abundance of natural resources, many countries remain poor.

SAN BUSHMEN

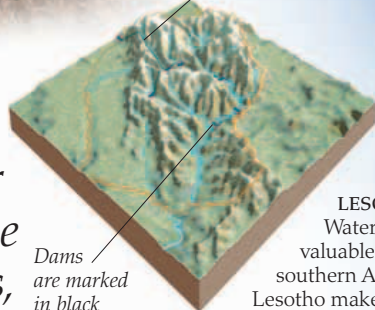
One of the few groups of hunter-gatherers left in Africa, the San people roam the Kalahari Desert.

Also known as Bush people, many San are now changing to a more settled life, often working on cattle ranches.

San hunter using a poison-tipped arrow



Tunnels transport water between dams



Dams are marked in black

The Okavango River does not run out to the ocean like most rivers, but runs inland into the Kalahari Desert.

LESOTHO Water is a valuable resource in southern Africa, and Lesotho makes good use of its mountainous land and numerous rivers. The Highlands Water Project uses dams and tunnels to transport water to neighboring South Africa.

JOHANNESBURG, SOUTH AFRICA

With a population of more than 7.5 million, Johannesburg is the fourth-largest city in Africa after Cairo, Lagos, and Kinshasa. Many people have moved here from the surrounding countryside in search of work.

GOLD MINING

Gold, first discovered near Johannesburg in 1886, brought a great deal of wealth to the region. South Africa currently produces about 12 percent of the world's gold.



**MOZAMBIQUE FLOODS**

Mozambique suffered a devastating civil war until 1992, and as a result many people continue to rely on foreign aid. Floods in 2000 made conditions worse, as they left millions homeless and vulnerable.



Tobacco plantation

WORKING THE LAND

In both Malawi and Mozambique, agriculture employs more than four out of every five workers. Important crops include cotton, tea, tobacco, and sugar.

VICTORIA FALLS

At Victoria Falls, situated on the Zambia-Zimbabwe border, the mighty Zambezi River drops 420 ft (128 m) down a narrow chasm. The sound of the crashing water can be heard 25 miles (40 km) away.

**MADAGASCAN MAMMALS**

Madagascar has an unusual range of mammals that developed in isolation after the island split from the African mainland. It is the only place where lemurs, members of the primate family, live in the wild.



Ring-tailed lemur

APARTHEID

In 1994, Nelson Mandela became the first black president to govern South Africa. This historic event marked the end of white rule and the first fair elections in the new "Rainbow Nation". Apartheid was a policy of racial segregation and restricted the rights of black people.

**WILDLIFE**

Southern Africa is home to a huge variety of animals. Numerous parks have been created to protect the animals and their habitat. The Gaza-Kruger-Gonarezhou Transfrontier Park joins parks in Mozambique, South Africa, and Zimbabwe to form the largest conservation and ecotourism park in Africa.

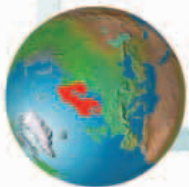


EUROPE

Separated from Asia by the ridge of the Ural Mountains, Europe is a continent of very different nations, listed below in order of their land area. Each nation has its own language and culture, but they share a 2,000-year-old history of civilization that has inspired some of the world's greatest political ideas, works of art, and innovations in technology.

Russian Federation   6,601,668 sq miles 17,098,242 sq km  141,000,000  Moscow  Russian, Tatar, Ukrainian, Chuvash, various other national languages	Germany   137,847 sq miles 357,022 sq km  82,200,000  Berlin  German, Turkish	United Kingdom   94,058 sq miles 243,610 sq km  61,600,000  London  English, Welsh, Scottish Gaelic, Irish Gaelic	Iceland   39,769 sq miles 103,000 sq km  322,700  Reykjavík  Icelandic	Serbia   29,913 sq miles 77,474 sq km  7,750,000  Belgrade  Serbian, Hungarian (Magyar)	Bosnia and Herzegovina   19,767 sq miles 51,197 sq km  3,770,000  Sarajevo  Bosnian, Serbian, Croatian
France   248,429 sq miles 643,427 sq km  62,300,000  Paris  French, Provençal, German, Breton, Catalan, Basque	Finland   130,559 sq miles 338,145 sq km  5,330,000  Helsinki  Finnish, Swedish, Sami	Romania   92,043 sq miles 238,391 sq km  21,300,000  Bucharest  Romanian, Hungarian (Magyar), Romany, German	Hungary   35,918 sq miles 93,028 sq km  9,990,000  Budapest  Hungarian (Magyar)	Ireland   27,133 sq miles 70,273 sq km  4,520,000  Dublin  English, Irish Gaelic	Slovakia   18,933 sq miles 49,035 sq km  5,410,000  Bratislava  Slovak, Hungarian (Magyar), Czech
Ukraine   233,032 sq miles 603,550 sq km  45,700,000  Kiev  Ukrainian, Russian, Tatar	Norway   125,021 sq miles 323,802 sq km  4,810,000  Oslo  Norwegian (<i>Bokmål</i> , "book language," and <i>Nynorsk</i> , "new Norsk"), Sami	Belarus   180,155 sq miles 207,600 sq km  9,630,000  Minsk  Belarussian, Russian	Portugal   35,556 sq miles 92,090 sq km  10,700,000  Lisbon  Portuguese	Lithuania   25,212 sq miles 65,300 sq km  3,290,000  Vilnius  Lithuanian, Russian	Estonia   17,463 sq miles 45,228 sq km  1,340,000  Tallinn  Estonian, Russian
Spain   195,124 sq miles 505,370 sq km  44,900,000  Madrid  Spanish, Catalan, Galician, Basque	Poland   120,728 sq miles 312,685 sq km  38,100,000  Warsaw  Polish	Greece   50,949 sq miles 131,957 sq km  11,200,000  Athens  Greek, Turkish, Macedonian, Albanian	Austria   32,383 sq miles 83,871 sq km  8,360,000  Vienna  German, Croatian, Slovenian, Hungarian (Magyar)	Latvia   24,938 sq miles 64,589 sq km  2,250,000  Riga  Latvian, Russian	Denmark   16,639 sq miles 43,094 sq km  5,470,000  Copenhagen  Danish
Sweden   173,860 sq miles 450,295 sq km  9,250,000  Stockholm  Swedish, Finnish, Sami	Italy   116,348 sq miles 301,340 sq km  59,900,000  Rome  Italian, German, French, Rhaeto-Romanic, Sardinian	Bulgaria   42,811 sq miles 110,879 sq km  7,540,000  Sofia  Bulgarian, Turkish, Romany	Czech Republic   30,451 sq miles 78,867 sq km  10,400,000  Prague  Czech, Slovak, Hungarian (Magyar)	Croatia   21,851 sq miles 56,594 sq km  4,420,000  Zagreb  Croatian	Netherlands   16,040 sq miles 41,543 sq km  16,600,000  Amsterdam  Dutch, Frisian

Switzerland  <p>  15,937 sq miles 41,277 sq km  7,570,000  Bern  German, Swiss-German, French, Italian, Romansh </p>	Slovenia  <p>  7,827 sq miles 20,273 sq km  2,020,000  Ljubljana  Slovenian </p>				
Moldova  <p>  13,070 sq miles 33,851 sq km  3,600,000  Chisinau  Moldovan, Ukrainian, Russian </p>	Montenegro  <p>  5,333 sq miles 13,812 sq km  624,200  Podgorica  Montenegrin, Serbian, Albanian, Bosnian, Croatian </p>				
Belgium  <p>  11,787 sq miles 30,528 sq km  10,600,000  Brussels  Dutch, French, German </p>	 <p>The cathedral dome of Santa Maria del Fiore dominates the skyline of Florence, Italy—one of the world's most beautiful cities.</p>				
Albania  <p>  11,100 sq miles 28,748 sq km  3,160,000  Tirana  Albanian, Greek </p>	Kosovo  <p>  4,203 sq miles 10,887 sq km  2,100,000  Pristina  Albanian, Serbian, Bosnian, Gorani, Romany, Turkish </p>	Luxembourg  <p>  998 sq miles 2,586 sq km  486,200  Luxembourg  Luxembourgish, German, French </p>	Malta  <p>  122 sq miles 316 sq km  408,700  Valletta  Maltese, English </p>	San Marino  <p>  24 sq miles 61 sq km  31,400  San Marino  Italian </p>	Vatican City  <p>  0.17 sq miles 0.44 sq km  800  Vatican City  Italian, Latin </p>
Macedonia  <p>  9,928 sq miles 25,713 sq km  2,040,000  Skopje  Macedonian, Albanian, Turkish, Romany, Serbian </p>	Cyprus  <p>  3,572 sq miles 9,251 sq km  871,000  Nicosia  Greek, Turkish </p>	Andorra  <p>  181 sq miles 468 sq km  82,200  Andorra la Vella  Spanish, Catalan, French, Portuguese </p>	Liechtenstein  <p>  62 sq miles 160 sq km  35,000  Vaduz  German, Alemannisch dialect, Italian </p>	Monaco  <p>  0.77 sq miles 2 sq km  32,000  Monaco  French, Italian, Monégasque, English </p>	



Scandinavia and Finland

THE THREE SCANDINAVIAN countries of Norway, Sweden, and Denmark, along with neighboring Finland, are among the most northerly countries in Europe. Here the winters are long and cold. In the far north above the Arctic Circle, the Sun remains below the horizon for up to two months each year. Perhaps because of its harsh climate and the geographical isolation, Scandinavia has attracted little immigration, so the population is not very ethnically diverse. Finland is the most densely forested country in Europe, and wood accounts for 30 percent of its exports. All four countries are highly industrialized and are among the wealthiest in the world.

Copenhagen in Denmark is the second-largest city in Scandinavia after Stockholm, Sweden.

URBAN POPULATIONS
Scandinavia has a high urban population. Many people live in towns and cities, with less than one fifth living in the countryside. Since the region is covered in lakes, fjords, and surrounded by seas, many people also live near the water.

SKIING
During the winter months, most of Scandinavia is covered in snow, so skiing is one of the easiest forms of transportation. It is also a very popular sport.

LAPLAND
Northern Sweden and Finland are known as Lapland. Here, the local Sami people survive in the cold and inhospitable climate by herding reindeer, which they breed for their meat, milk, and skins.





INDUSTRIAL STRENGTH

Manufacturing is an important source of employment and wealth throughout Scandinavia. Many of the goods produced, such as cars in Sweden, electronic goods in Denmark (above), and cell phones in Finland, are exported all over the world. In Denmark, many people also work in agriculture, fish processing, and brewing.



NORWEGIAN FIORDS

The west coast of Norway has thousands of deep inlets—known as fiords—gouged out of the mountains by glaciers during the last ice age and then flooded by the sea. The fiords run inland between high mountains and make favorite destinations for cruise ships bringing tourists to admire the stunning scenery.

THE SAUNA

The sauna, or steam bath, was invented in Finland about 1,000 years ago as a way of cleaning and relaxing the body. After a hot sauna, many Finns cool off by plunging into an icy pool (below) or a snowdrift.

BUILDING WITH WOOD

Most of Norway and Sweden—and two thirds of Finland—is covered by dense forests of birch, pine, spruce, and other trees. Finland has more than 16 times more forested land per person than the European average.

Many people in the region work in forestry, producing wood for the construction and furniture industries. This great natural resource is also used to build homes and churches, such as this medieval stave church (left) in Norway.

SAVING THE ENVIRONMENT

The people of Scandinavia are very environmentally conscious and recycle as many household items as they can. Strict national laws protect the environment from industrial waste and pollution, although there is growing concern about the levels of pollution in the Baltic Sea.



The British Isles

FOR SUCH A SMALL GROUP OF ISLANDS, the British Isles has a very rich history. This is evident from its legacy of ancient ruins, medieval castles, dramatic cathedrals, and grand country houses. Once a leading industrial and colonial power, British monarchs ruled an empire that circled the globe. As a result, English is still widely spoken around the world. Today, many traditional industries, such as shipbuilding, mining, and engineering, have declined, and the emphasis is now on banking and insurance, as well as pharmaceuticals. The British Isles consists of two countries: the United Kingdom of Great Britain and Northern Ireland (the U.K.), and the Republic of Ireland.

Wales has more than 200 castles.



IRELAND
Tourists visit Ireland, attracted by its unspoiled countryside and lively cities, such as Dublin (left). Once part of Great Britain, Ireland gained independence in 1922. In 2005–2007, it had one of the fastest-growing economies in Europe, but its economy shrank along with Europe's in 2008–2010.

HORSE BREEDING

Lush pastures and a mild climate have encouraged the breeding of thoroughbred racehorses in Ireland. Stud farms here raise some of the finest racehorses in the world.



Irish horse and rider on a training run



SCOTLAND

Scotland and England united as a single country in 1707. Today, however, Scotland is a self-governing part of the U.K., with its own parliament and distinct legal and educational systems. Edinburgh, above, is a popular city with a magnificent castle. Each summer, the city hosts an international arts festival.



NORTH SEA ENERGY

Beneath the shallow seas around Great Britain, there are supplies of oil and natural gas. Oil rigs bring oil and gas to the surface, where it is pumped by pipeline to be refined on the mainland. Production has declined and supplies are now running low, but more distant reserves still wait to be exploited. However, few businesses are willing to take on further costly exploration.

MONEY MATTERS

The City of London is the U.K.'s financial center. Before the banking crash of 2008, more than 500 banks had offices there. Lloyd's Insurance Building (right) is one of the city's most distinctive skyscrapers. Built of steel and glass, it has elevators on the outside.





Wales plays Scotland in rugby at the Millennium Stadium, Cardiff

MULTICULTURAL SOCIETY

Britain once controlled a world empire, with colonies in every continent. Many people—from the Indian subcontinent, Africa, and the Caribbean in particular—came here and brought their cultures with them. Today, about 1 in 12 British people is from an ethnic minority but is integrated into British life.

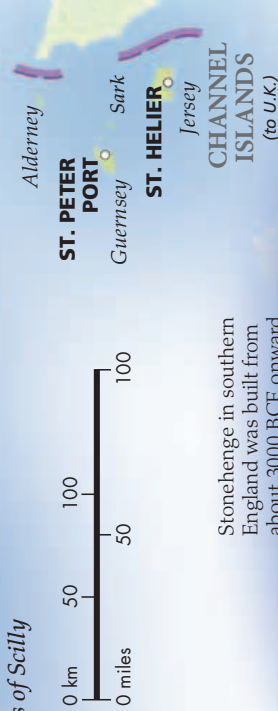


BRITISH LANDMARKS

Tourism is a major industry in Britain. Visitors come from all over the world to see the many churches, castles, and ancient monuments, such as Stonehenge (above), and to admire the pretty villages. Many also come for the theaters, galleries, and stores in Britain's vibrant cities.



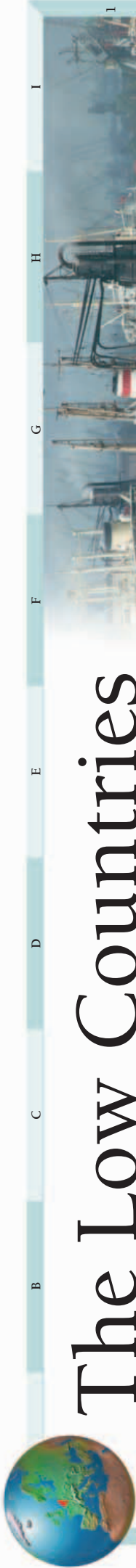
Each pod is almost completely see-through, giving the occupants a view of the whole city beneath them when it reaches the top



LONDON

The capital of the U.K. is London, a sprawling city on the banks of the River Thames. It is the political and financial center of the country, as well as home to more than 8 million people. One of its most recent attractions is the London Eye—a giant ferris wheel, 443 ft (135 m) high.





The Low Countries

THE NETHERLANDS, BELGIUM, AND LUXEMBOURG are known as the Low Countries because the land is so flat and lowlying. In the case of the Netherlands, most of the land is below sea level—*Netherlands* is Dutch for “under lands.” The three countries are among the richest in Europe, and while farming still plays an important part, they all have strong modern economies based on manufacturing and trade. Luxembourg in particular is known as a tax haven and is a major center for international finance. Their location at the mouth of the Rhine River and other major European rivers places the three countries at the heart of western European trade and politics—all three were founding members of the European Economic Community (now the European Union, or EU), established in 1957.

Tulips were introduced to the Netherlands from Turkey in 1562. Black tulips were the most valuable.



RECLAIMING THE LAND
Over the centuries, the Dutch have reclaimed land from the sea. They did this by building huge dykes, or dams, to keep out the sea and then draining the surface water into canals. Windmills originally pumped out the water, but electric pumps are now used.

DUTCH PEOPLE
The Dutch once ruled a vast empire in Indonesia, the Caribbean, and South America. As a result, many nationalities now live here. Ethnic minorities make up about 20 percent of the population and in some cities, the majority of elementary schoolchildren have a non-Dutch background.



ROTTERDAM, NETHERLANDS
Every year, more than 30,000 ocean-going ships and 110,000 barges call at the port of Rotterdam. Lying at the mouth of the Rhine River, this port is the largest in the world and is where huge container ships from all over the world load or unload their cargoes. The smaller barges help transport goods farther inland. With the port's ultra-modern Vessel Traffic Service (VTS), it's possible to track ships on a radar screen up to 37 miles, (60 km) off the coast and 25 miles (40 km) inland.

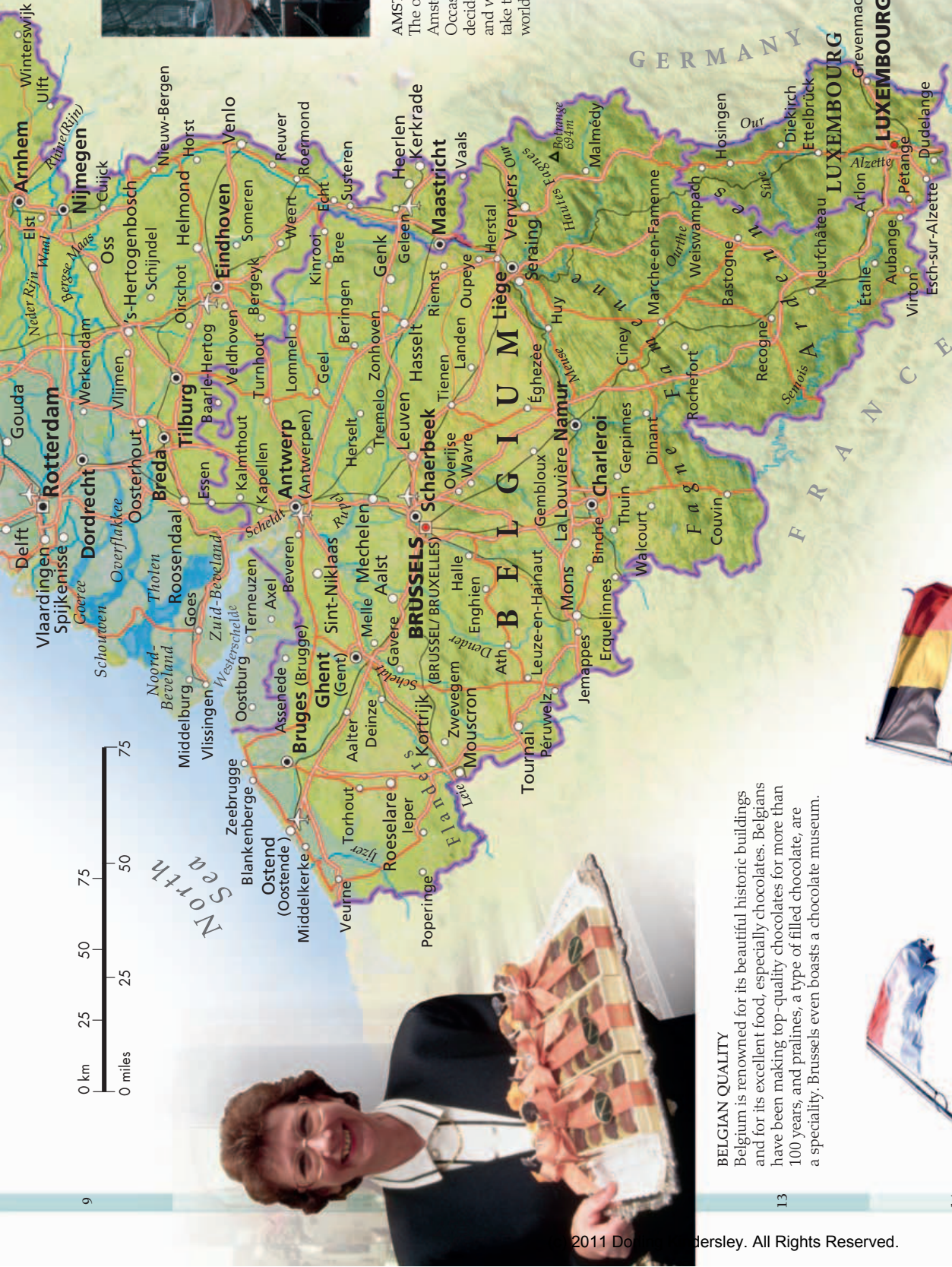


Dutch tulips



CROPS
Fertile soil and good irrigation have helped the Netherlands become a major exporter of agricultural products, with vegetables and tomatoes forming important crops. It is also famous for its bulbs and cut flowers, notably tulips.





AMSTERDAM, NETHERLANDS

The old architecture and picturesque canals make Amsterdam one of the most visited cities in Europe. Occasionally, the canals freeze over, and city officials may decide, it's safe for people to go skating. When they do, men and women of all ages, from the very old to the very young take to the ice. Amsterdam is also home to some of the world's best museums, including the Van Gogh Museum.



Bicyclists have their own traffic lights—this one is green for "go."



BICYCLING

The flatness of the land makes the Netherlands ideal for bicycling, and more than 500,000 people bicycle to school or work each day. Lines of 20–100 children riding together to school are common. Most of the roads have special bicycle lanes, and bicycles are often the quickest form of transportation to get around the crowded towns and cities. The use of bicycles also reduces car use and thus cuts down the amount of air pollution.

TRILINGUAL

The Grand Duchy of Luxembourg lies between Germany, France, and Belgium. As a result, the majority of the people are trilingual—German and French are widely spoken as is Luxembourgish, the national language. The capital, also known as Luxembourg, has more than 200 banks.

BELGIAN QUALITY

Belgium is renowned for its beautiful historic buildings and for its excellent food, especially chocolates. Belgians have been making top-quality chocolates for more than 100 years, and pralines, a type of filled chocolate, are a speciality. Brussels even boasts a chocolate museum.



Flags of the member states of the European Union



France

IN DIRECT CONTRAST TO ITS mostly rural landscape, France is a modern nation, with most people now living in towns and cities. It has flourishing industries and is the fifth-richest economy in the world after the U.S.A., Japan, Germany, and the U.K.

A country of varied scenery, from gently rolling farmland in the north to a stretch of dry, warm Mediterranean coast in the south, France also shares two mountain ranges—the Pyrenees and the Alps. Each of the 22 regions within France, which includes the island of Corsica, has its own distinct identity and culture. The tiny countries of Andorra and Monaco lie next to France.



HIGH-SPEED TRAVEL

France has Europe's fastest train, the TGV—*train à grande vitesse*—which travels at up to 186 mph (300 kph) during normal services. In 2007, a modified TGV even set a speed record for conventional trains of 357.2 mph (574.8 kph). The TGV network connects Paris with all of the country's major cities, which makes it easier to commute or visit relatives. It also extends to Germany, Italy, Belgium, Switzerland, and through the Channel tunnel to Great Britain.

Boules, the national game of France, is still played in village squares around the country.

NUCLEAR POWER

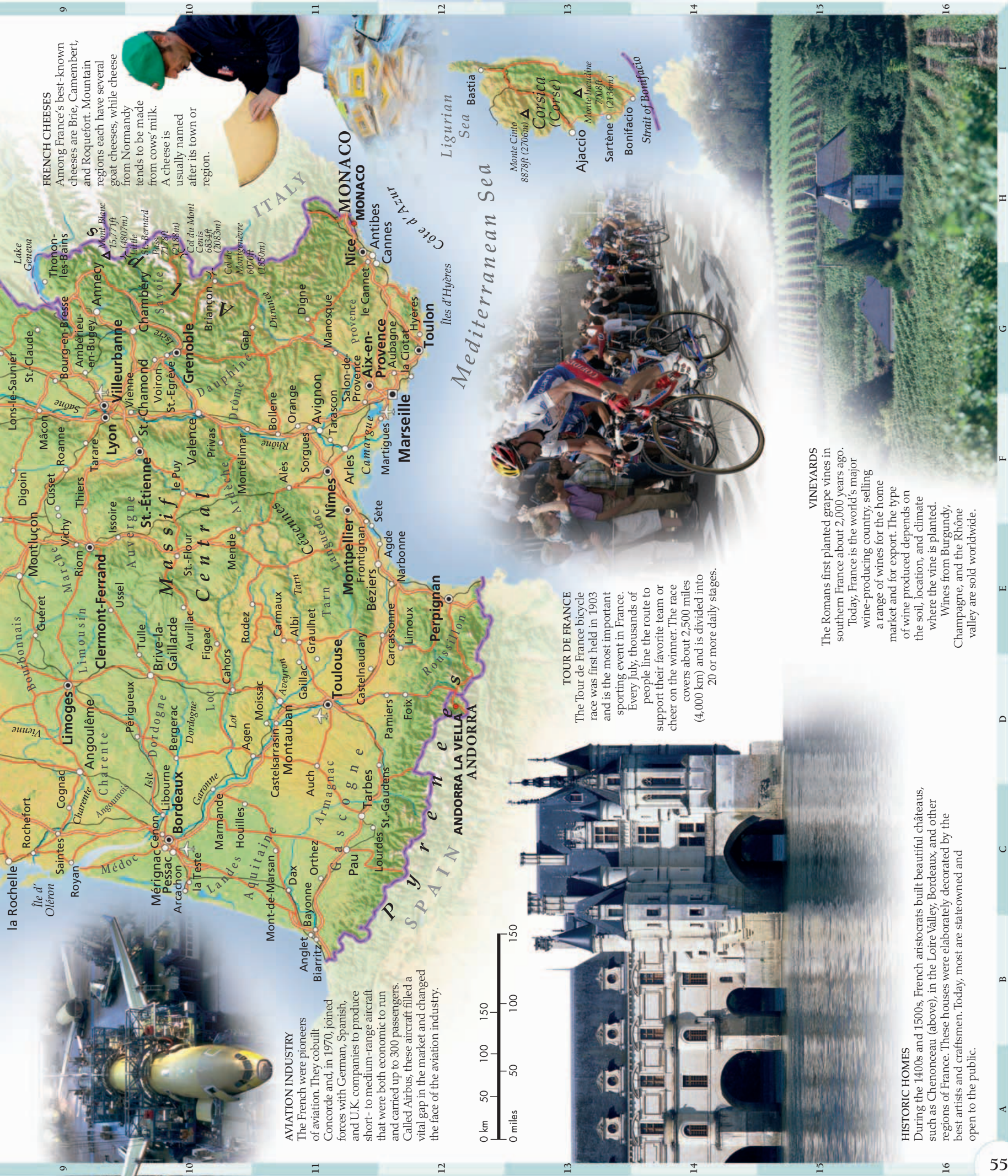
Three fourths of France's electricity is produced by nuclear power plants (above), making the country largely self-sufficient in energy and one of the main producers of nuclear power in Europe. Hydroelectric plants are also an important source of power.



STREETS OF PARIS

Tourists flock to Paris to visit its world-famous museums and art galleries, shop in its elegant stores, and soak up its vibrant atmosphere. Montmartre, which overlooks the city, is famous for its artists. Close by, in the Place du Tertre (above), visitors can have their portraits painted.





Germany and the Alpine States

LYING AT THE HEART OF EUROPE, Germany is one of the world's wealthiest nations. It is also Europe's leading industrial power. To its south lie the Alpine states of Switzerland, Austria, Liechtenstein, and Slovenia. The region is famed for its beautiful Alpine scenery, mountains, and lakes. German is the main language in all but Slovenia. However, each of the five countries has its own distinct history, culture, and national identity. In fact, since 1815, Switzerland has been recognized as a neutral nation and has stayed out of all of the wars that have affected Europe.

THE JOY OF UNIFICATION

After World War II, Germany was divided, with a U.S.-backed capitalist state in the west and a Russian-backed state in the east. Built in 1961, the Berlin Wall was 96 miles (155 km) long and was designed to stop East Germans from leaving for a better life in the West. The wall divided Berlin and separated families, friends, and a nation for 28 years. When Germany was unified (reunited) in 1990, the wall was demolished.

GERMAN INDUSTRY
With its coal and iron mines, the Ruhr Valley was once the powerhouse of the German economy. Today's industry ranges from engineering to high-tech goods. Quality assembly and design make Germany the third-largest car producer in the world.

FOOD AND DRINK

The annual Munich *Oktoberfest* is Germany's biggest beer festival. Entertainment includes parades and music.



Celebrations at Brandenburg Gate mark the tenth anniversary of the fall of the Berlin Wall.

GENEVA

Geneva lies on the shores of Lake Geneva, Europe's largest Alpine lake. This orderly city is a global center for banking and finance. It is also a base for many international organizations, such as the Red Cross.

The Swiss speak German, French, Italian, and Romansh.

Baltic Sea

North Frisian Islands (Nordfriesische Inseln)

East Frisian Islands (Ostfriesische Inseln)

Belgium

Netherlands

Poland

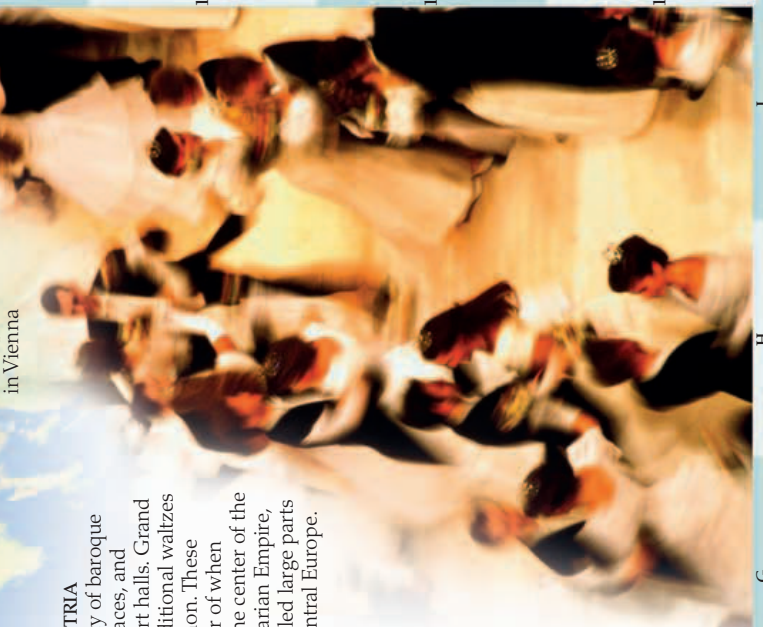
Czech Republic

Austria

Slovenia



The high and graceful stride of the Lipizzaner horses makes them excel in competitions.





Spain and Portugal

THE COUNTRIES OF SPAIN AND PORTUGAL share an area of land called the Iberian Peninsula. In the north, this land is cut off from the rest of Europe by the Pyrenees Mountains, while to the south, it is separated from Africa by the Strait of Gibraltar. The region was once ruled by Islamic people from north Africa known as Moors. Evidence of their occupation can still be seen in buildings in the cities of Andalucía. The Moors were eventually defeated in 1492, and for a while, Portugal came under Spanish control, as did most of Europe. During the 1900s, both countries

were ruled by brutal dictatorships that were overthrown in the 1970s. They are now modern democracies.



HARVESTING CORK

Cork is made from the outer bark of the evergreen cork oak tree. The bark is carefully stripped off, flattened, laid out in sheets, and then left to dry. Cork is used for many products, such as stoppers for wine bottles, mats, and tiles. Portugal is the world's leading exporter of cork.

LISBON

Portugal's capital city is Lisbon, which is situated at the mouth of the Tagus River on a series of steep hills and valleys. In 1755, two thirds of the city was completely destroyed by an earthquake and tidal wave but was rebuilt with beautiful squares and public buildings. Many explorers have set sail from Lisbon in their quest to find new lands.



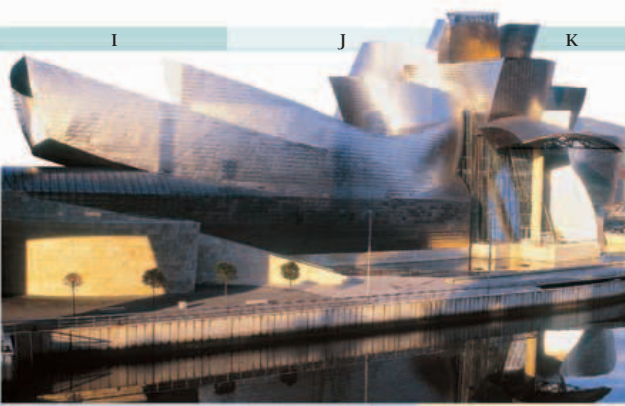
Trams are a feature of Lisbon streets and a popular form of transportation for both locals and tourists.

FISHING

Spain and Portugal have well-developed fishing industries, with large-scale fleets and many smaller local fleets. However, overfishing along Portugal's coast and in the north Atlantic has put many people's livelihoods at risk. A huge oil spill off the coast of Galicia in 2002 also affected fish stocks, but the Portuguese government and thousands of volunteers restored beaches to their former beauty.

Spanish families tend to eat dinner late, at around 9 PM. So after school, children eat a snack called a merienda.





SPANISH CITIES

The majority of Spanish people live in towns and cities. Madrid is the largest Spanish city and the capital of Spain. Bilbao, where this magnificent modern art museum (left) can be found, is the capital of the Basque region. It is a flourishing industrial city, home to Spain's most important port.

The Guggenheim opened in 1997



The Pamplona bull run is an annual fiesta that takes place in July.

FIESTAS

In Spain, many towns hold their own fiestas, or festivals, to celebrate a special event in their history or the birthday of their patron saint. These fiestas differ from one region to another. One of the most famous is held in Pamplona, where the brave run with the bulls.



HOLY WEEK

Easter in Spain is marked by solemn celebrations, known as the Holy Week processions. These processions vary according to the region, but generally, men wear robes and hoods and carry heavy crosses to show penitence.



COASTAL RESORTS

Every year, millions of northern Europeans head south for the beaches of southern Spain and Portugal or for the Spanish Balearic Islands. They are attracted to the warm climate and the affordable hotels and restaurants.

REGIONAL SPAIN

There are 17 Spanish regions, each with its own distinct cultures and traditions. For example, in the south is Andalucía, with flamenco dancing and traces of Moorish influences.

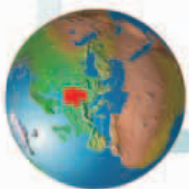




RENAISSANCE ITALY

15

Family life is important in Italy, and most people live at home until they get married. This is partly owing to the lack of cheap housing. Lunch (*pranzo*) is often the main meal of the day.



Central Europe

FOUR COUNTRIES LIE at the heart of central Europe—Poland, the Czech Republic, Slovakia, and Hungary. The region is typically composed of wide plains broken up by gentle hills and the Carpathian mountain range in the south. In the late 1980s, these countries broke away from years of communist rule. The new democratic governments were faced with the problems of trying to modernize their nations. These changes are ongoing, but in some of the countries, such as the Czech Republic, there are signs of improvement and a rise in living standards.

FAMILY FARMS

Poland has one of the largest agricultural sectors in Europe, with more than one fourth of the work force employed in farming. Most farms are still small, family-run businesses, growing grains, beets, and potatoes. Large numbers of pigs and other animals are also raised.



TRADITIONAL TRADES

The countries of central Europe, except Slovakia, are heavily industrialized. Huge coal mines, steelworks (above), and engineering works dominate the urban landscape. Although some of these sites are old and poorly equipped, these countries are trying to update the machinery and introduce measures to improve standards of environmental pollution.



GOLDEN PRAGUE

Prague, the capital of the Czech Republic, is one of Europe's most beautiful cities. It contains many old buildings with golden roofs and grand squares. Unlike other central European cities, Prague escaped serious damage during both world wars, and thus retains a lot of its charm.



Part of Prague's colorful history is preserved in buildings around the Old Town Square.



RELIGION
The Roman Catholic Church is very strong throughout central Europe. Attending mass on Sunday and observing religious holidays, such as Christmas and Easter, are important features of family life.



Budapest was once two cities—Buda on the right bank of the Danube River and Pest on the left bank.

INDUSTRIAL LIFE

The Czech Republic is central Europe's most industrialized country. It is renowned for its centuries-old glass industry. The region also produces some of the world's best-known beers. Pilsner beer, for example, originated in the town of Plzen, while Budweiser beer has been brewed in České Budejovice for more than 100 years.



HOT SPRINGS

A land of fertile plains, Hungary is also famous for its numerous hot springs. In the capital city of Budapest, there are more than 100 hot springs. The warm waters rise naturally from the ground, and spas and baths are centered on these springs. They are as popular today as they were centuries ago, when the Romans used the hot springs on the Buda side of the city.

Széchenyi baths has the hottest spa water in Budapest.



LANDSCAPE OF SLOVAKIA

Slovakia is divided between a fertile, lowland south and a more rugged, mountainous north. The country is much more rural than its industrial neighbor, the Czech Republic. Most Slovaks live in small towns and mountain villages. The Tatras Mountains in the north are popular with skiers and hikers, who bring in much-needed tourist income.



FOLK CULTURE
Traditional folk culture is still preserved in Slovakia and is seen as an essential part of regional identity. Throughout the year, especially during the summer months, folk festivals are held in many towns. The people dress up in their colorful regional folk costumes, play traditional instruments, and sing and dance.





Southeast Europe

UNTIL 1991, CROATIA, Bosnia and Herzegovina, Serbia, Montenegro, and Macedonia were all part of Yugoslavia. Ethnic tensions between the Serbs and other peoples in Yugoslavia caused a series of bloody wars that broke up the country. Peace was eventually restored in 1999, but all five countries have suffered from intense economic problems as a result. So, too, has Albania ever since its communist government collapsed. The six nations do, however, have huge potential, with considerable agricultural and mineral resources. In the north, the Danube River is an important trade route for both Croatia and Serbia, while Croatia has a flourishing tourist industry along its beautiful Adriatic coast.



Janica Kostelic

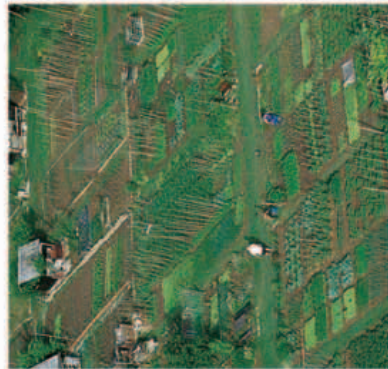
SPORTING ACHIEVEMENT

Croatia is a great sports nation. Skier Janica Kostelic is not only Croatia's first triple Olympic champion, but she is also the most successful female Alpine skier of all time, winning three gold medals at the 2002 Winter Olympics and another gold and silver medal in 2006.

THE ADRIATIC

The long Adriatic coastline of Croatia is one of the most beautiful in Europe. The wooded hillsides, pretty beaches, such as Markarska (right), islands, and historic towns once attracted tourists from all over Europe. Now that the country is no longer involved in the war, tourists are returning, contributing vital income to the national economy.

The Dalmatian dog is named after the coastal region of Dalmatia in Croatia, its first known home.



Family-run allotments

GROWING FOOD
The most fertile area in this region lies along the Danube River in northern Serbia and eastern Croatia. Here, vegetables, fruit, corn, and cereals are grown, as well as grapes for winemaking. Most farms are small-scale family businesses that grow a wide range of crops.

DIFFERENT SCRIPTS

The Croatian and Serbian languages are very similar, but the people of Croatia, a predominantly Roman Catholic country, write in Roman script, as do Bosnians. Serbians are mostly Eastern Orthodox and write using both Roman and Russian Cyrillic scripts.



Magazine with Roman script

Magazine with Cyrillic script





DUBROVNIK

The medieval walled city of Dubrovnik, at the southern tip of Croatia on the Adriatic Sea, is one of the architectural gems of Europe. In 1991, Serb troops shelled the city, causing immense damage. The city was restored after the end of the war. Other historic cities damaged during the fighting, notably Sarajevo and Mostar in Bosnia and Herzegovina, have yet to be fully restored.

GREAT LAKES

Macedonia contains two huge lakes—Ohrid and Prespa. The latter has clear water fed by underground streams and is a popular tourist destination. In 2002, the first Prespa boat regatta took place here. Both lakes have substantial fish stocks, especially of trout and eel, which are used to make local dishes.

LIFE IN ALBANIA

Albania is one of the poorest countries in Europe. Most people are ethnic Albanian, with a sizable Greek minority in the south of the country. Loyalty to one's family or clan is more important than national identity, and married sons often live with their parents and look after them in old age.

APOLLONIA

About 8 miles (13 km) outside the city of Fier, Albania, lie the ruins of an ancient city called Apollonia. Founded in 588 BCE by Greeks from Corinth, it is one of 30 cities named after the Greek god Apollo. Austrian archaeologists began excavating the site during World War I, and French archaeologists continued digging in the 1930s. However, most of the city still remains buried in the surrounding hills.

The remains of an impressive temple still stands in Apollonia, Albania.

Lake Prespa

An Albanian family

Eel

Corfu (Kérkyra)



Bulgaria and Greece

FOR MORE THAN 400 YEARS, Bulgaria and Greece were ruled by the Ottoman Turks. Bulgaria gained independence in 1908, while southern Greece became independent in 1832 and was joined by northern Greece in 1913. After World War II, Bulgaria became a communist state. Both states are now democracies and members of the European Union (EU). Bulgaria remains relatively poor while in 2010, it emerged that Greece had a huge national deficit owing to spending more than it had been collecting in taxes. The EU lent Greece 112 billion euros (146.6 billion dollars) to restore its economy. Although they border each other, Bulgaria and Greece are quite different; the Greek mainland is mountainous, with only one third of the land suitable for cultivation. By contrast, Bulgaria is more fertile, with a strong agricultural tradition.

Tourism is an important source of income to both countries, with visitors flocking to the Black Sea resorts in Bulgaria, to the Greek mainland to see the ancient ruins, and to the Greek islands in search of sandy beaches.

First held in Athens in 1896, the modern Olympic Games were staged there again in 2004.

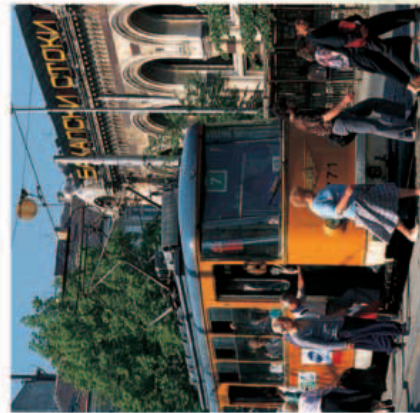
ARCHITECTURE

Bulgaria contains many beautiful old churches, monasteries, and mosques, despite the damage done to the country during World War II. Rila Monastery (above) was founded by a hermit monk who took to the mountains in search of solitude in 927 CE. After a fire in 1833, Rila was rebuilt, and the magnificent church now boasts three fine domes, a museum, and 1,200 frescoes.



BULGARIAN AGRICULTURE

Wheat, corn, and other cereals grow in the fertile Danube River valley in the north of the country. Tobacco (right) grows in the Maritsa River valley in the southeast, while grapes for the wine industry flourish on the slopes of the Balkan Mountains. The festival of Kukerov Den, with traditional processions, celebrates the start of the agricultural year.



Trams provide an efficient way for people to get around the city of Sofia.

CITY LIFE

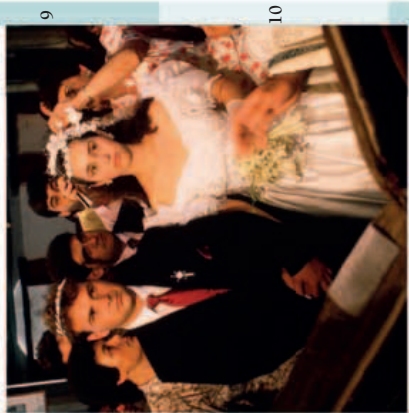
Bulgarians make up about 85 percent of the total population of the country. The rest are Turkish, Macedonian, or Roma. Most people live in apartment buildings in the main towns and cities. They are more likely to use public transportation as not all households have a car.



LANGUAGE

The 24 characters in the Greek alphabet date from the 700s BCE; when the first texts were written in classical Greek. Since then the language has evolved and is now spoken by 11 million people around the world.





GREEK WEDDING
About 94 percent of Greeks follow the Greek Orthodox religion, and weddings follow the rites of the Orthodox Church. At a wedding ceremony it is traditional for the best man to place wreaths of orange blossoms, linked by a silk ribbon, on the heads of the bride and groom (above).



GREEK ISLANDS
More than 2,000 islands lie off the mainland of Greece. The Cyclades and Dodecanese in the Aegean Sea are often rocky and arid, while the Ionian Islands, such as Zakynthos (below), are more fertile. Tourists often travel from one island to another by ferry or hovercraft.

CORINTH CANAL
The Corinth Canal was built to provide a shortcut for ships travelling between the Aegean and Ionian Seas. Dug through solid limestone, the steep-sided canal was begun in 1882 by the French and completed in 1893 by the Greeks.

EARTHQUAKES
The idyllic landscape of the Greek Islands, such as Santorini (left), can be rocked by earthquakes. This is because the islands and mainland of Greece, as well as Bulgaria, sit on a plate boundary. There is now a Greek Seismic Code that outlines regulations for all new buildings.



ATHENS
The capital city of Greece is dominated by the Parthenon, a temple built in 447–438 BCE on a rocky hill known as the Acropolis. Modern-day Athens is a sprawling city where the large number of cars causes serious air pollution.



Ukraine, Moldova, & Romania

THROUGHOUT MOST OF THE PAST CENTURY, Ukraine and Moldova formed part of the Soviet Union, while Romania was ruled for 20 years by the dictator Nicolae Ceausescu. In 1989, Ceausescu was overthrown, while Ukraine and Moldova became independent in 1991. Today, the three countries are struggling to come to terms with their communist inheritance and transform themselves into modern democracies. All three lack modern technology and face serious economic and environmental problems arising from outdated industry. They also face increasing ethnic tensions with their minority populations—Hungarians in Romania, as well as Russians left behind in Ukraine and Moldova after the collapse of the Soviet Union.



CITY LIFE

Romania has many cities and towns, with a mix of old and new buildings. Sibiu (left) was founded in the 1100s and, at one time, had 19 guilds—each representing a different craft—within its city walls. Most remains from this colorful history, especially in the painted buildings of the old town.

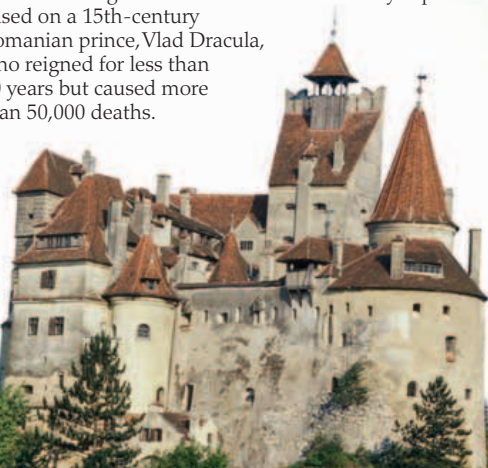
FOLK CUSTOMS

Despite years of communist rule, folk customs thrived in the rural areas of Romania and Ukraine. In Ukraine, singers perform *dumas*, historical epics that tell of slavery under the Turks. One of the traditional instruments is a bandura (left), a stringed instrument that sounds like a harpsichord.



DRACULA'S CASTLE

Situated in Transylvania, Bran Castle is a favourite tourist destination. This is where author Bram Stoker's fictional blood-drinking Count Dracula lived. The story is probably based on a 15th-century Romanian prince, Vlad Dracula, who reigned for less than 10 years but caused more than 50,000 deaths.



The word Transylvania means "land beyond the forests."

EASTER BREAD

In Romania, Easter is celebrated with a meal of roast lamb served with a bread called *cozonac*. This is made by pounding nuts, raisins, and even cocoa into the dough.



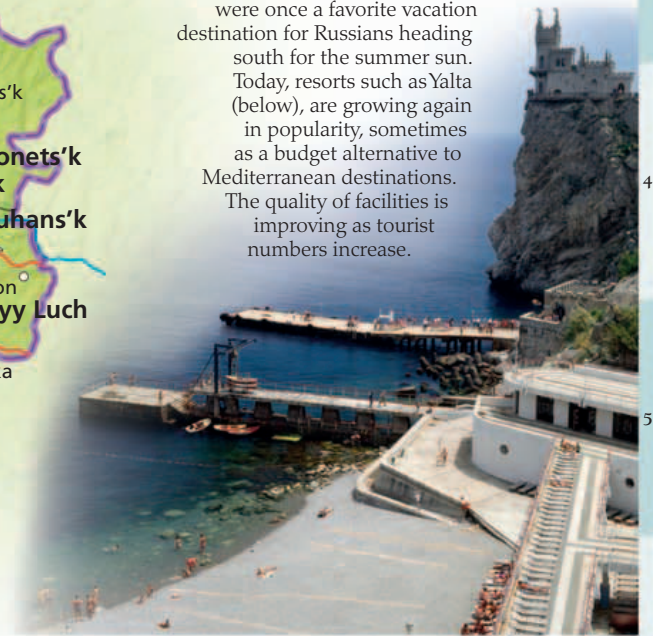


INDUSTRY IN THE UKRAINE
Ukraine is the world's eighth-largest producer of steel and has a large coal industry, as well as reserves of oil and gas. Today, however, most of its industry is out of date and inefficient. Most of the heavy industry is situated in the central Dnieper River valley.



Liquid iron ore

VACATIONS BY THE SEA
The Black Sea resorts of the Crimea, in southern Ukraine, were once a favorite vacation destination for Russians heading south for the summer sun. Today, resorts such as Yalta (below), are growing again in popularity, sometimes as a budget alternative to Mediterranean destinations. The quality of facilities is improving as tourist numbers increase.



PEOPLE OF ROMANIA

Romanians speak Romanian—a language closely related to French, Italian, and Spanish. The country also has sizable Hungarian and Roma minorities, which have both been discriminated against in recent years. Most Hungarian speakers live in the region of Romania known as Transylvania.

Children of the Maramures region of Transylvania



RICH SOIL OF MOLDOVA

Moldova consists of partially wooded plains intercut with rivers and streams. About 75 percent of the land is rich in chernozem (black) soil, which is very fertile. Wine and sunflower production are important here. Fruit and vegetables, such as pumpkins (left), also grow well.



Baltic States & Belarus

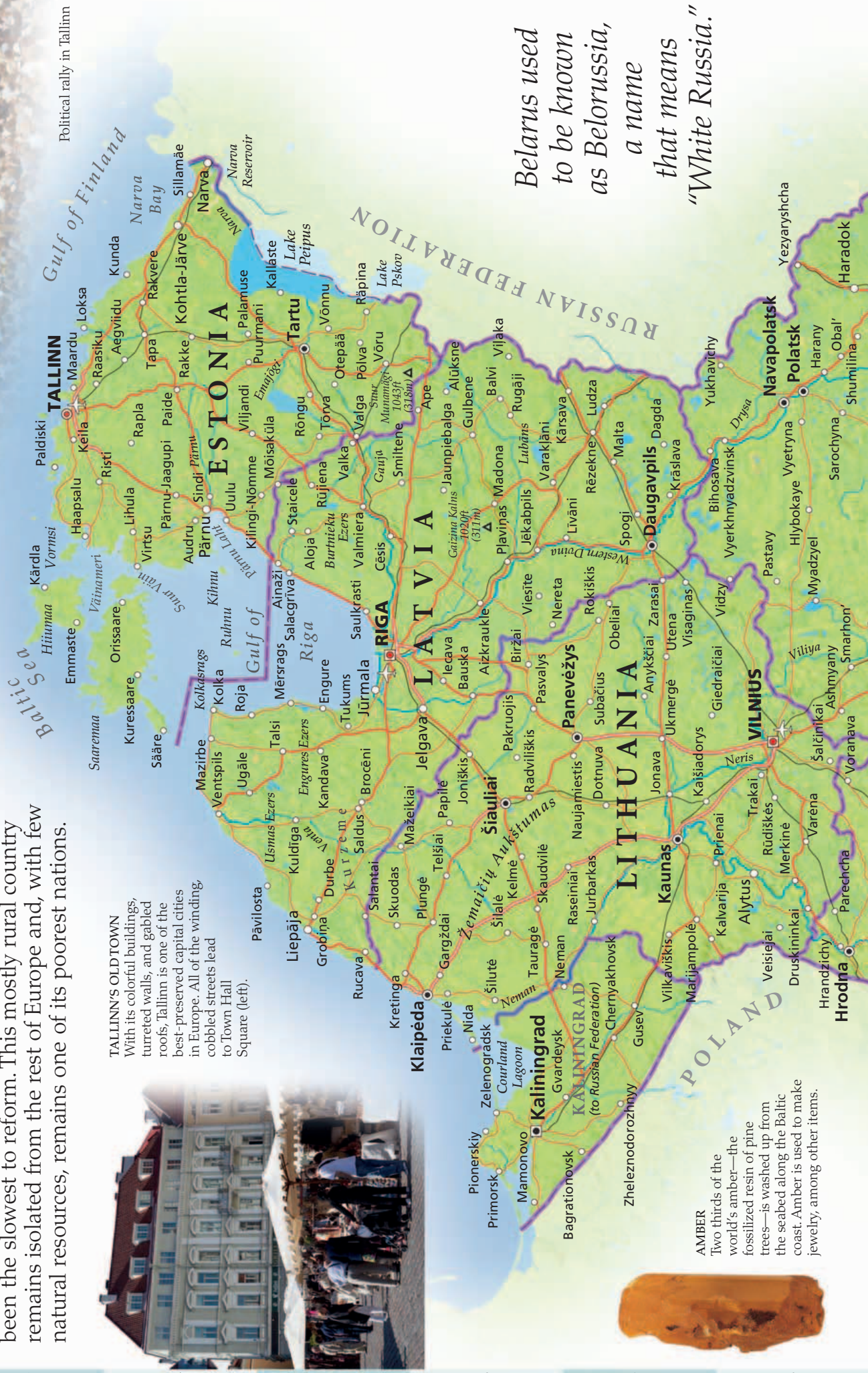
THE THREE BALTIC STATES—Estonia, Latvia, and Lithuania—all share a small stretch of coast on the Baltic Sea. Belarus lies between Poland, Ukraine, and the Russian Federation. Following independence from the Soviet Union in 1991, all of these countries faced problems such as price rises, food shortages, and pollution. However, the Baltic States have since tried to reform their societies and economies along Western lines. Belarus has kept close links with Russia and has been the slowest to reform. This mostly rural country remains isolated from the rest of Europe and, with few natural resources, remains one of its poorest nations.

SINGING REVOLUTION
Estonia is known for its classical music tradition—most notably its choirs. This love of music was most powerful when people raised their voices during the Singing Revolution in 1988 (right), part of their move toward independence.

TALLINN'S OLD TOWN
With its colorful buildings, turreted walls, and gabled roofs, Tallinn is one of the best-preserved capital cities in Europe. All of the winding, cobbled streets lead to Town Hall Square (left).

Belarus used to be known as Belorussia, a name that means "White Russia."

AMBER
Two thirds of the world's amber—the fossilized resin of pine trees—is washed up from the seabed along the Baltic coast. Amber is used to make jewelry, among other items.





TEXTILES
The development of the textile industry (above) in these countries is strong, with foreign investment from several other European countries helping growth. Clothes, bedding, curtains, and towels are just some of the items made for export.



FARMING
The fertile soil and flat landscape make this region good for farming. The Baltic States, especially Latvia (left), have large dairy farms. Belarus is a major producer of flax, which is used to make linen and other products. Potatoes—used to make vodka—beets, and other root crops are also grown here.



LITHUANIAN DRESS
In some Lithuanian villages, people still wear traditional folk costumes, especially for festive occasions. Women's clothing is generally colorful (left) and might include a white linen shirt, a skirt, and an apron. The decoration and style of the costume shows which region of Lithuania the wearer comes from.



GYMNASTICS
The former Soviet Union worked its young athletes and gymnasts extremely hard in order to win Olympic medals and thus national glory. Many of the most famous gymnasts came from Belarus, notably Olga Korbut and, more recently, Svetlana Boginskaya (right), who has won three gold, one silver, and one bronze Olympic medals.

Ferns thrive in this Latvian forest

FORESTS AND LAKES

All four countries are lowlying, with many moors, bogs, unspoiled lakes, and fir and pine forests. Forestry is an important industry, providing wood pulp for papermaking and timber for furniture and houses.



MINSK
The capital of Belarus, Minsk, was destroyed during World War II and then rebuilt in a starkly modern style. Minsk is the country's economic center. Cars, lorries and tractors, chemicals, timber products, and a range of high-tech goods are all produced here. Farm produce (above) is also sold in markets.





European Russia

SEPARATED FROM ASIAN RUSSIA by the Ural Mountains, European Russia is so large that it spans four time zones. The climate and landscape range from cold desert and frozen tundra in the north to the warm coast of the Black Sea in the southwest. Forests and grassy steppes cover huge areas. More than 100 million people—two thirds of the total Russian population—live in European Russia, most of them in cities such as the capital, Moscow. Since the collapse of communism in 1991, many Russians have experienced a decline in their standard of living. Shortages of food and manufactured goods occurred, and crime and unemployment rates rose. As a result, Russia was the only European country in which life expectancy dropped. As the country recovered, it was hit by deep recession in 2009.

ST. PETERSBURG

Once Russia's capital, St. Petersburg was built in the 1700s by Czar Peter the Great as a "window on the west." Today, it is a popular tourist destination, full of grand palaces and extravagant architecture (left). The city spreads over some 40 islands, linked by a network of canals and rivers.



BALLET
Russia is famous for its ballet companies, such as the Bolshoi Ballet of Moscow and the Kirov Ballet of St. Petersburg. Most of the ballets performed are classics, such as *Swan Lake* and *Sleeping Beauty*. Developed in Europe in the 1800s, ballet became a popular form of art and entertainment in the 1900s.

EDUCATION
Children attend school here from the age of 7 through 17. Although the state education system is free, education declined after the fall of communism owing to chronic underfunding. Major efforts are now raising standards in state schools, but private schools are becoming increasingly popular.



RURAL LIFE

Rural life has become extremely tough since the economic collapse of large-scale farms in the 1990s, with many people living in poverty. Smaller cooperatives and farms (above) have sprung up, and the agricultural industry is going through a painful period of reform. Due to the harsh climate, only 10 percent of the land is suitable for agriculture.



Icons, common in the Russian Orthodox Church, are religious images painted on wooden panels.



THE RUSSIAN CHURCH

The main religion in Russia is the Russian Orthodox Church. Under communism, all religion was banned. The new freedom means that many Russians now attend church services on a regular basis. New churches are being built, old ones restored, and seminaries reopened to train new priests.

MOSCOW SUBWAY

Not many underground trains can claim to be tourist attractions, but Moscow's subway can. Built in the 1930s, many of its stations are decorated with beautiful chandeliers, mosaics, paintings, and sculptures. One of the busiest, most efficient subway systems in the world, it is used by more than 7 million people daily.

The title czar, once used for Russian rulers, means "emperor" and comes from the ancient Roman title "Caesar."

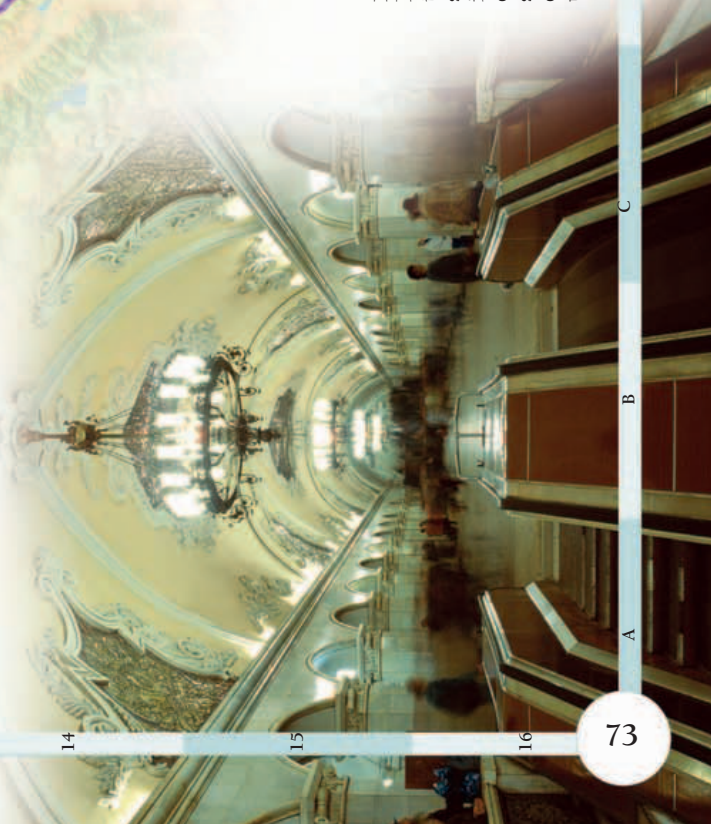


THE TATARS
Russia's largest ethnic minority, the Tatars (below) are an Islamic people descended from the Mongols. Their largest population lives in the Tatarstan Republic, halfway between Moscow and the Urals.



POLLUTION
The communists invested heavily in industry, but their outdated methods of production have affected the environment. Rivers such as the Volga are badly polluted, and many cities are covered in a permanent and poisonous smog. Chest infections and other diseases related to air pollution are common.

Industrial smog casts a haze over Moscow.



ASIA

The vast continent of Asia is dominated by two giant nations—China and India each with more than one billion people and a rich and colorful history. Both are being transformed by rapid economic growth, and so are many other Asian countries, listed below in order of size. Yet in some regions of central Asia, life has barely changed in thousands of years.

China  3,705,387 sq miles 9,596,961 sq km 1,350,000,000 Beijing Mandarin, Wu, Cantonese, Hsiang, Min, Hakka, Kan	Iran  636,368 sq miles 1,648,195 sq km 74,200,000 Tehran Farsi, Azeri, Luri, Gilaki, Mazandarani, Kurdish, Turkmen, Arabic, Balochi	Afghanistan  251,826 sq miles 652,230 sq km 28,100,000 Kabul Pashto, Tajik, Dari, Farsi, Uzbek, Turkmen	Iraq  169,234 sq miles 438,317 sq km 30,700,000 Baghdad Arabic, Kurdish, Turkic languages, Armenian, Assyrian	Philippines  115,830 sq miles 300,000 sq km 92,000,000 Manila Filipino, English, Tagalog, Cebuano, Ilocano, Hiligaynon, many other local languages	Nepal  56,827 sq miles 147,181 sq km 29,300,000 Kathmandu Nepali, Maithili, Bhojpuri
India  1,269,212 sq miles 3,287,263 sq km 1,200,000,000 New Delhi Hindi, English, Urdu, Bengali, Marathi, Telugu, Tamil, Bihari, Gujarati, Kannada.	Mongolia  603,905 sq miles 1,564,116 sq km 2,670,000 Ulan Bator Khalkha Mongolian, Kazakh, Chinese, Russian	Yemen  203,848 sq miles 527,968 sq km 23,600,000 Sanaak Arabic	Japan  145,913 sq miles 377,915 sq km 127,000,000 Tokyo Japanese, Korean, Chinese	Laos  91,428 sq miles 236,800 sq km 6,320,000 Vientiane Lao, Mon-Khmer, Yao, Vietnamese, Chinese, French	Bangladesh  55,598 sq miles 143,998 sq km 162,000,000 Dhaka Bengali, Urdu, Chakma, Marma (Magh), Garo, Khasi, Santhali, Tripura, Mru
Kazakhstan  1,052,084 sq miles 2,724,900 sq km 15,600,000 Astana Kazakh, Russian, Ukrainian, German, Uzbek, Tatar, Uyghur	Pakistan  307,372 sq miles 796,095 sq km 181,000,000 Islamabad Punjabi, Sindhi, Pashtu, Urdu, Balochi, Brahui	Thailand  198,116 sq miles 513,120 sq km 67,800,000 Bangkok Thai, Chinese, Malay, Khmer, Mon, Karen, Miao	Vietnam  127,880 sq miles 331,210 sq km 88,100,000 Hanoi Vietnamese, Chinese, Thai, Khmer, Muong, Nung, Miao, Yao, Jarai	Kyrgyzstan  77,201 sq miles 199,951 sq km 5,480,000 Bishkek Kyrgyz, Russian, Uzbek, Tatar, Ukrainian	Tajikistan  55,251 sq miles 143,100 sq km 6,950,000 Dushanbe Tajik, Uzbek, Russian
Saudi Arabia  829,995 sq miles 2,149,690 sq km 25,700,000 Riyadh Arabic	Turkey  302,533 sq miles 783,562 sq km 74,800,000 Ankara Turkish, Kurdish, Arabic, Circassian, Armenian, Greek, Georgian, Ladino (Judeo-Spanish)	Turkmenistan  188,455 sq miles 488,100 sq km 5,110,000 Ashgabat Turkmen, Uzbek, Russian, Kazakh, Tatar	Malaysia  127,354 sq miles 329,847 sq km 27,500,000 Kuala Lumpur Bahasa Malaysia, Malay, Chinese, Tamil, English	Syria  71,498 sq miles 185,180 sq km 21,900,000 Damascus Arabic, French, Kurdish, Armenian, Circassian, Turkic languages, Assyrian, Aramaic	North Korea  46,540 sq miles 120,538 sq km 23,900,000 Pyongyang Korean
Indonesia  735,354 sq miles 1,904,569 sq km 230,000,000 Jakarta Javanese, Sundanese, Madurese, Bahasa Indonesia, Dutch	Myanmar (Burma)  261,227 sq miles 676,578 sq km 50,000,000 Nay Pyi Taw Burmese, Shan, Karen, Rakhine (Arakanese), Chin, Yangbye, Kachin, Mon	Uzbekistan  172,741 sq miles 447,400 sq km 27,500,000 Tashkent Uzbek, Russian, Tajik, Kazakh	Oman  119,498 sq miles 309,500 sq km 2,850,000 Muscat Arabic, Balochi, Farsi, Hindi, Punjabi	Cambodia  69,898 sq miles 181,035 sq km 14,800,000 Phnom Penh Khmer, French, Chinese, Vietnamese, Cham	South Korea  38,502 sq miles 99,720 sq km 48,300,000 Seoul Korean

Jordan 	Sri Lanka 				
 34,495 sq miles 89,342 sq km  6,320,000  Amman  Arabic	 25,332 sq miles 65,610 sq km  20,200,000  Colombo  Sinhala, Tamil, Sinhala-Tamil, English				
Azerbaijan 	Bhutan 	Israel 	Qatar 		
 33,436 sq miles 86,600 sq km  8,830,000  Baku  Azerbaijani, Russian	 14,824 sq miles 38,394 sq km  697,300  Thimphu  Dzongkha, Nepali, Assamese	 8,019 sq miles 20,770 sq km  7,170,000  Jerusalem  Hebrew, Arabic, Yiddish, German, Russian, Polish, Romanian, Persian	 4,473 sq miles 11,586 sq km  1,410,000  Doha  Arabic		
United Arab Emirates 	Taiwan 	Kuwait 	Lebanon 	Bahrain 	Seychelles 
 32,278 sq miles 83,600 sq km  4,600,000  Abu Dhabi  Arabic, Farsi, Indian and Pakistani languages, English	 13,892 sq miles 35,980 sq km  23,000,000  Taipei  Amoy Chinese, Mandarin Chinese, Hakka Chinese	 6,880 sq miles 17,818 sq km  2,990,000  Kuwait City  Arabic, English	 4,015 sq miles 10,400 sq km  4,220,000  Beirut  Arabic, French, Armenian, Assyrian	 286 sq miles 741 sq km  791,500  Manama  Arabic	 176 sq miles 455 sq km  84,600  Victoria  French Creole, English, French
Georgia 	Armenia 	East Timor 	Brunei 	Singapore 	Maldives 
 26,911 sq miles 69,700 sq km  4,260,000  T'bilisi  Georgian, Russian, Azeri, Armenian, Mingrelian, Ossetian, Abkhazian	 11,484 sq miles 29,743 sq km  3,080,000  Yerevan  Armenian, Azeri, Russian	 5,743 sq miles 14,874 sq km  1,130,000  Dili  Tetum (Portuguese/ Austronesian), Bahasa Indonesia, Portuguese	 2,226 sq miles 5,765 sq km  399,700  Bandar Seri Begawan  Malay, English, Chinese	 269 sq miles 697 sq km  4,740,000  Singapore  Mandarin, Malay, Tamil, English	 115 sq miles 298 sq km  309,400  Malé  Dhivehi (Maldivian), Sinhala, Tamil, Arabic



Turkey and the Caucasus

TURKEY LIES IN BOTH ASIA and Europe—separated by the Bosphorus—and was once part of the powerful Ottoman Empire. Although Turks are 99 percent Muslim, modern Turkey is a country with no official religion. Western Turkey is relatively industrialized, with a tourist industry along the Mediterranean coast that brings in considerable income. Many farmers and herders in the center and east, however, struggle to make a living in the arid environment. To the northeast lie the Caucasus countries of Georgia, Azerbaijan, and Armenia. Once part of the U.S.S.R., they are now independent.



TURKISH FOOD

Turkey is self-sufficient in food, and grows specialized crops such as eggplants, peppers, figs, and dates. A typical Turkish meal might consist of spiced lamb, often grilled on a skewer with onion and tomato to make a shish kebab. This would be served with rice or cracked wheat.



ISTANBUL

The different faces of Turkey can be seen in its former capital, Istanbul, which lies on both sides of the Bosphorus waterway. Churches, mosques, and ancient buildings in both European and Islamic styles sit side by side with modern stores and offices. Bridges link the two parts of the city. In 1923, Ankara became the new capital.



EPHESUS

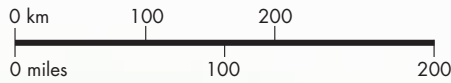
Tourism is one of Turkey's major industries. As well as beach resorts, the country has many ancient sites. One of these is the ancient Greek city of Ephesus, which lies 35 miles (56 km) south of modern-day Izmir on the Aegean coast. The city was famous for its Temple of Artemis, which was considered one of the seven wonders of the world.

Visitors to Ephesus admiring the remains of the Library of Celsus

FATHER OF THE TURKS

Mustafa Kemal Atatürk (1881–1938), the founder of the modern Turkish state, became its first president in 1923. He introduced many reforms, including more equality for women and better education for all. He also declared that Islam was no longer the official religion.





OIL FROM AZERBAIJAN
Many years ago, caravans of camels carried vessels loaded with oil from Baku to nearby countries. By the end of the 1800s, the city was known as the "black gold" capital of the world. Today, the total amount of oil that could be produced is 1.1 billion tons, which does not include undeveloped areas off the coast.



Mount Ararat in Turkey is said to be the resting place of Noah's ark after the flood described in the Bible.

Caucasus Mountains block cold air from the north.



Vines and fruit grow in the valleys.

CAUCASUS

The towering Caucasus Mountains protect Armenia, Georgia, and Azerbaijan from cold northerly winds. As a result, farmers can take advantage of this mild climate to grow citrus fruit, tobacco, and tea. Walnuts and hazelnuts are valuable export crops.

PEOPLE OF TURKEY

The Turks, who make up about 70 percent of the population of 75 million, are a diverse group with a shared sense of national identity. The largest minority in Turkey—about 15 million people—are the Kurds (below), who speak their own language but have no homeland. They live in eastern Turkey, as well as in neighbouring Iraq and Iran.

RUG MARKET

Turkey is world-famous for its knotted-pile rugs—known as kilims—woven by skilled craftworkers. Each region of Turkey produces rugs with different designs and colors. Every worker incorporates into the designs symbols that tell the maker's own family history or origins.

Turkish rugs, made in centers such as Malatya and Kayseri





Russia and Kazakhstan

THE RUSSIAN FEDERATION is the biggest country in the world, almost twice as big as either the USA or China. It extends halfway around the world, crosses two continents, and spans 11 time zones. The vast region of Siberia alone is larger than Canada. Kazakhstan lies to its south and is a large but sparsely populated country. From 1917 to 1991, both countries were part of the Union of Soviet Socialist Republics (U.S.S.R.), the world's first communist state. When the U.S.S.R. collapsed, Russia, Kazakhstan, and the 13 other member republics gained independence. Since then, Russia and Kazakhstan have begun to transform themselves from communist states into democratic nations. Both countries have a lot of fertile land, huge mineral deposits, and many other natural resources. However, Russia still has a very low life expectancy compared to other industrialized countries.

Lake Baikal is up to 6,365 ft (1,940 m) deep and contains more than 20 percent of the world's freshwater supply.

Kazakh man hunting with a trained golden eagle

KAZAKH CULTURE

The majority of people in Kazakhstan are Kazakh Muslims. They were once a nomadic people who traveled around on horseback, herding their sheep. Although most Kazakhs live in rural areas of the country, retaining a strong loyalty to their clans and families, the new, modern capital city of Astana is growing quickly, due to wealth generated by oil and gas.

Coal miners in Siberia



NATURAL WEALTH

Siberia contains almost one third of the world's natural gas reserves and has huge deposits of oil, as well as abundant minerals such as coal and precious metals including gold. However, many of these resources are inaccessible or in remote places, and the extreme winters make it difficult to extract them.



TAIGA FOREST

Russia's forests cover more than two fifths of the country's territory. The taiga type extends across the Urals to cover most of Siberia. This type of forest is formed by small, widely spaced trees, with large areas of poorly drained marsh grasses.



Nenets man guiding a sledge and reindeer



NATIVE PEOPLES

During the winter months, temperatures in Siberia regularly drop to below -45°F (-43°C). The native peoples who live here, such as the Nenets people of the Yamal peninsula region, have adapted well to their environment and survive by herding reindeer, hunting, and fishing.

RUSSIAN LANGUAGE

Russian is the official language of the Russian Federation, but many of the 152 other nationalities inside the country speak their own languages, too. The Russian language uses the Cyrillic alphabet, which was devised by Greek missionaries.



OLD CUSTOMS

The communists tried to impose a Russian national culture on the native peoples of Siberia, but many of their customs survived in remote areas. Today, traditional costumes, music, and dance are all flourishing throughout Siberia.



Russian dancer in traditional dress

TRANS-SIBERIAN RAILWAY

The longest railroad in the world runs 5,785 miles (9,310 km) from Moscow's Yaroslavl station in the west, across Siberia, to the Pacific port of Vladivostok in the east. The railroad was started in 1891 and took 14 years to finish. Trains take eight days to complete the trip and cross eight time zones.



Siberian tiger



SIBERIAN WILDLIFE

Siberia is home to a huge range of wildlife, including the rare Siberian tiger (the biggest tiger in the world), wolves, reindeer, and black and brown bears. The Baikal seal—found only in Lake Baikal—is the world's only freshwater seal.

The Near East

ISRAEL, JORDAN, SYRIA, AND LEBANON are the countries collectively known as the Near East. This is a land that is dominated by deserts but also has fertile coastal plains. Lack of water is a constant problem here, although Israel has introduced computerized irrigation systems to extend the land suitable for agriculture. The creation of the Jewish state of Israel in 1948, in what was previously Arab-dominated Palestine, has led to almost continuous conflict in the region. Arabs and Israelis have fought four major wars that have cost many lives. The Mediterranean island of Cyprus has also suffered a violent recent history.

LEBANON REBUILT
Beirut, the capital of Lebanon, was once the commercial and banking center of the Arab world but was devastated by the civil war that ravaged the country from 1975 to the early 1990s. Today, the country is largely at peace, and Beirut is regaining much of its former glory. Lebanon remains dominated, however, by its two powerful neighbors—Syria and Israel.

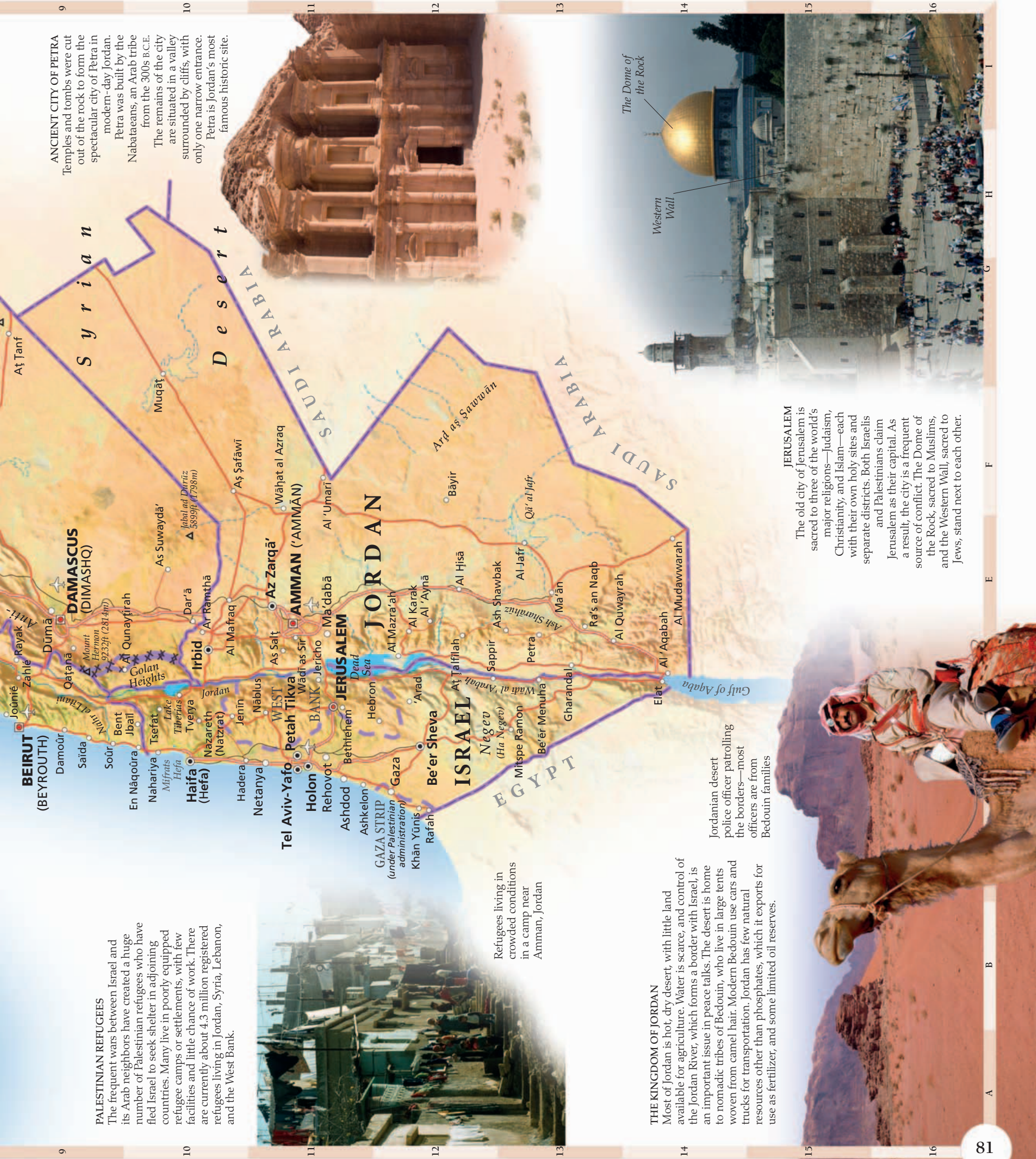
CYPRUS
Cyprus became independent from Great Britain in 1960. However, conflict between Greeks and Turks caused Turkey to invade the island in 1974. Since then, Cyprus has been divided between a Turkish-Cypriot north and a Greek-Cypriot south. Most Cypriots make a living from farming grapes, citrus fruit, and olives. Women often sell handmade lace items to tourists.

DAILY LIFE
Even in a war-torn country such as Israel, people continue to live as normal a life as possible. Children listen to rock music and watch their favorite sports stars, either live or on television. In a peaceful break, these Palestinian boys play football in a Jerusalem street.

The map on Cyprus's flag is copper colored because Cyprus means "island of copper."

SYRIAN MARKET

Damascus is one of the oldest inhabited cities in the world. At its center is a huge souk (bazaar) where the streets are full of stalls and small stores selling everything from rugs, textiles, and jewelry to household goods and fresh produce.



PALESTINIAN REFUGEES

The frequent wars between Israel and its Arab neighbors have created a huge number of Palestinian refugees who have fled Israel to seek shelter in adjoining countries. Many live in poorly equipped refugee camps or settlements, with few facilities and little chance of work. There are currently about 4.3 million registered refugees living in Jordan, Syria, Lebanon, and the West Bank.

Refugees living in crowded conditions in a camp near Amman, Jordan

THE KINGDOM OF JORDAN

Most of Jordan is hot, dry desert, with little land available for agriculture. Water is scarce, and control of the Jordan River, which forms a border with Israel, is an important issue in peace talks. The desert is home to nomadic tribes of Bedouin, who live in large tents woven from camel hair. Modern Bedouin use cars and trucks for transportation. Jordan has few natural resources other than phosphates, which it exports for use as fertilizer, and some limited oil reserves.

Jordanian desert police officer patrolling the borders—most officers are from Bedouin families

JERUSALEM

The old city of Jerusalem is sacred to three of the world's major religions—Judaism, Christianity, and Islam—each with their own holy sites and separate districts. Both Israelis and Palestinians claim Jerusalem as their capital. As a result, the city is a frequent source of conflict. The Dome of the Rock, sacred to Muslims, and the Western Wall, sacred to Jews, stand next to each other.

ANCIENT CITY OF PETRA
Temples and tombs were cut out of the rock to form the spectacular city of Petra in modern-day Jordan.
Petra was built by the Nabataeans, an Arab tribe from the 300s B.C.E.
The remains of the city are situated in a valley surrounded by cliffs, with only one narrow entrance.
Petra is Jordan's most famous historic site.



The Middle East

THE MIDDLE EAST IS HOME to the world's oldest civilizations, which developed in the Tigris and Euphrates river valleys of present-day Iraq more than 6,000 years ago. The world's first towns and cities were built here. Since then, many powerful empires have dominated the region, all leaving a wealth of buildings and monuments behind them. Today, the Middle East is at the center of the Islamic world. The population of every country is Arab and speaks Arabic, except Iran, where half the population are Farsi-speaking Persians.

OIL PRODUCTION

The Middle East is the world's major oil producer—Saudi Arabia alone produces more than 10 percent of the world's supply. Oil has brought great wealth to the region, in particular to Saudi Arabia and the Gulf States.



The Persian language is written in Arabic script

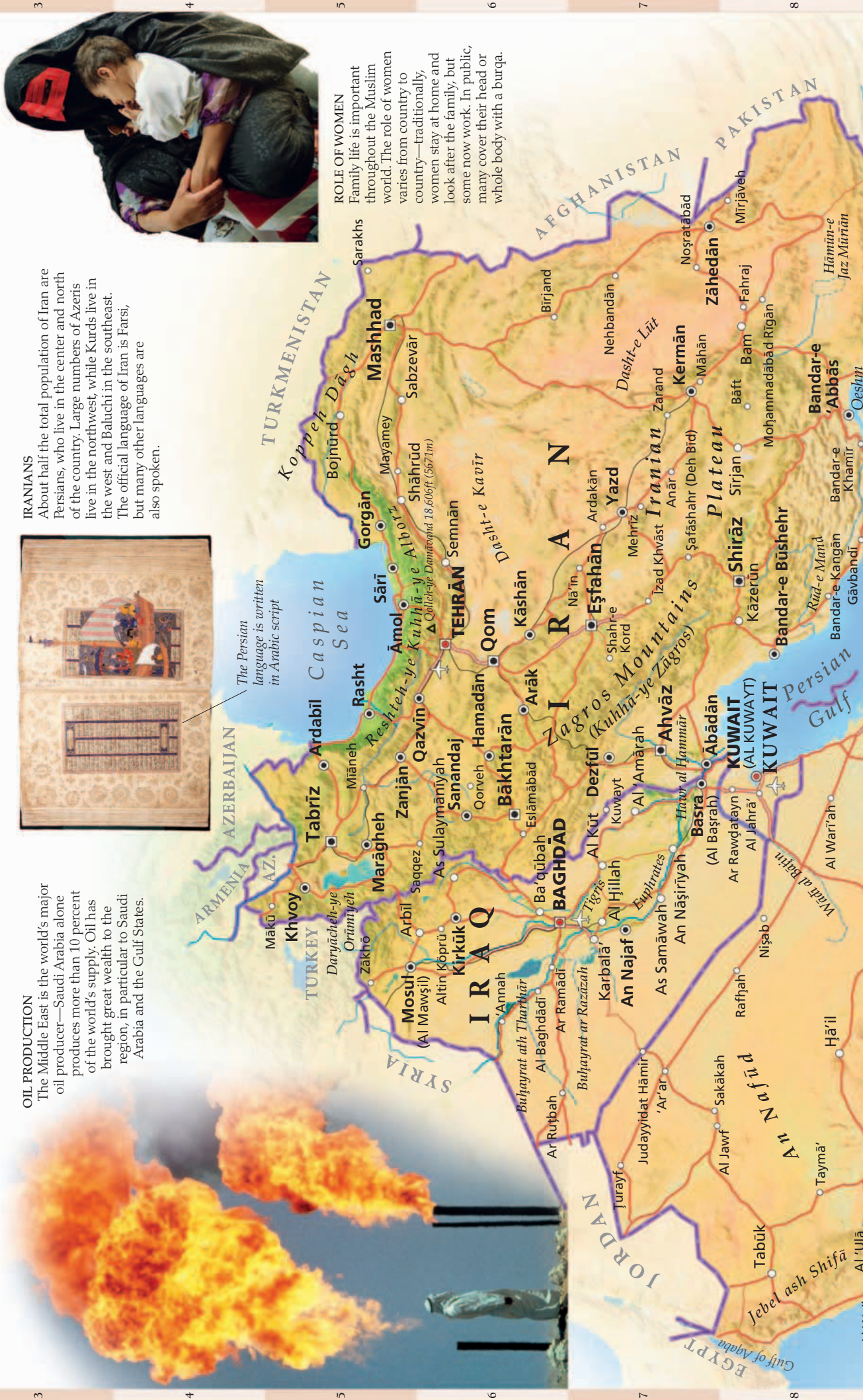
IRANIANS
About half the total population of Iran are Persians, who live in the center and north of the country. Large numbers of Azeris live in the northwest, while Kurds live in the west and Baluchi in the southeast. The official language of Iran is Farsi, but many other languages are also spoken.



ROLE OF WOMEN
Family life is important throughout the Muslim world. The role of women varies from country to country—traditionally, women stay at home and look after the family, but some now work. In public, many cover their head or whole body with a burqa.

DESERT WARS

Most international boundaries in the Middle East are simply lines drawn in the sand by former European colonial powers and have often caused conflicts. Iraq and Iran fought a bitter eight-year war along their common border from 1980. Since then, further conflicts between Iraq and international forces have caused a lot of suffering.





The Quran—the book of sacred writings of Islam

Saudi Arabia is the only country in the world to be named after its royal family—the house of Al Saud.

ISLAM
The Islamic religion began in the 600s in the holy cities of Mecca and Medina in Saudi Arabia. Minarets—the tall, thin towers of mosques—dominate the skyline of every town and city in the region. From these, devout Muslims are summoned to pray five times a day. Muslims are also required to make a Hajj, or pilgrimage, to Mecca (above) at least once in their lifetime.



WATER
A lot of the Middle East is covered with a hot desert. Water is scarce although there are some oases where animals can be watered and crops irrigated. On the coastline, desalination plants, such as this one in Oman, remove salt from seawater to make it suitable for domestic consumption and agriculture.



A WEALTH OF FISH
The Arabian Sea, south of Yemen and Oman, is rich in fish, providing a valuable source of both income and food for local people. Fishermen use traditional sailboats equipped with outboard motors for greater speed, landing large catches of sardines, tuna, anchovies, cuttlefish, cod, and other fish.



MIDDLE EASTERN FOOD
A typical Middle Eastern meal consists of pita bread, bulgur wheat, lentils, spiced meat—usually lamb or goat—fruit, and hummus made from chickpeas. Most Muslims do not drink alcohol, preferring water, mint tea, or coffee from Yemen, the producer of some of the world's finest coffee beans.





Central Asia

THE FIVE CENTRAL ASIAN NATIONS rise up from hot deserts in the west and south to cold, high mountain ranges in the east. The area has oil, gas, and mineral reserves, as well as other natural resources, but water is often scarce and agriculture is limited. The four northern nations were once part of the Soviet Union and are now independent nations. Afghanistan is a landlocked country, and three fourths of its land is inaccessible terrain. It was invaded by the Soviet Union in 1979, prompting a civil war that has lasted for more than 20 years. In 2002, American and other Western forces overthrew the fundamentalist Islamic regime in Afghanistan because of its support for international terrorism. The country, however, has been destroyed by these years of continuous warfare, making it one of the poorest and most deprived nations on Earth.

One of the world's largest gold mines is at Muruntau in the Kyzyl Kum desert in Uzbekistan.

FESTIVALS IN AFGHANISTAN

Despite the horrors of recent years, Afghans still celebrate important Islamic festivals, notably Eid al-Fitr, which marks the end of the holy month of Ramadan. People visit friends and family and eat a festive meal together. The art of storytelling still flourishes in Afghanistan, as does the *attan*, the national dance.



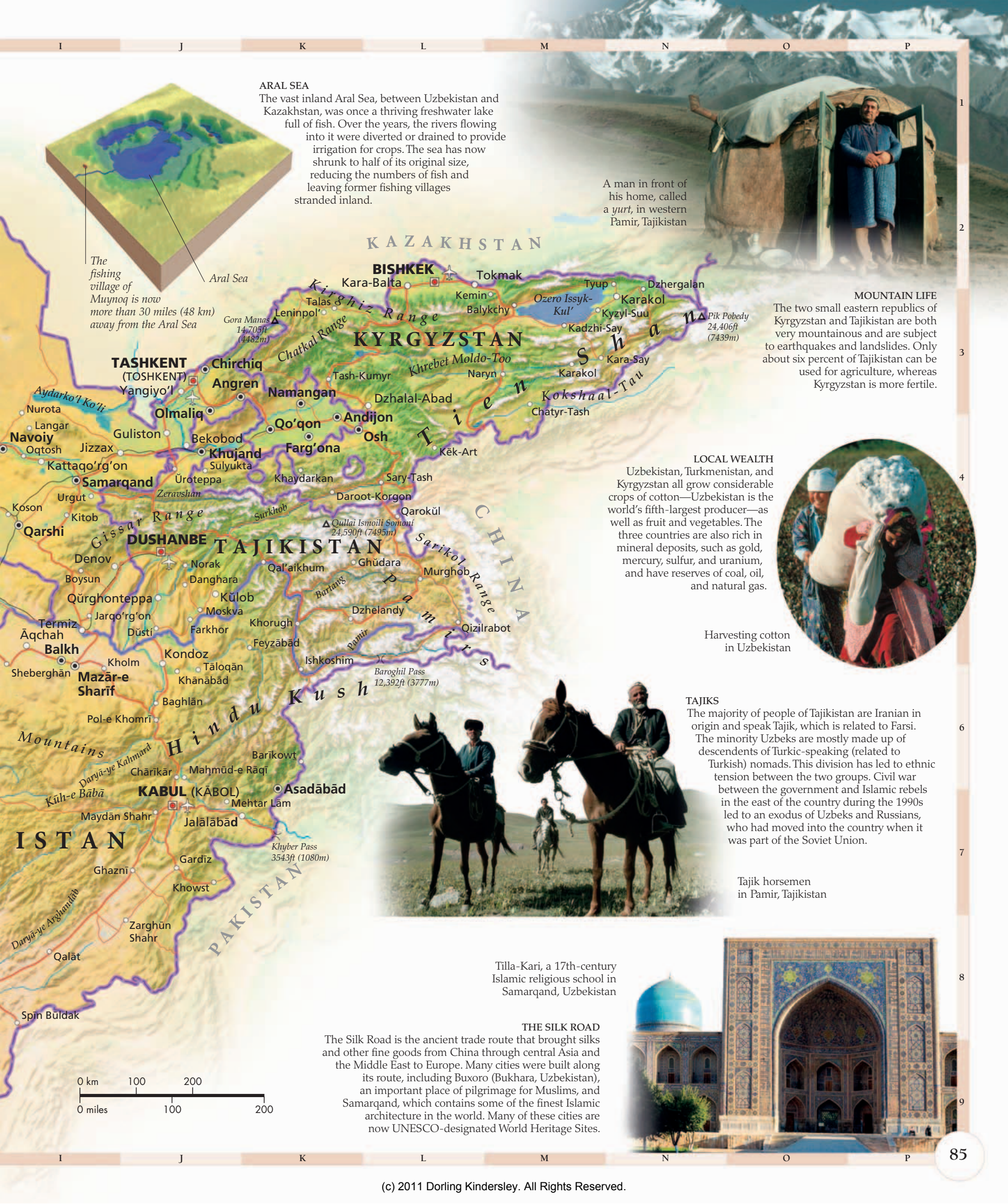
An Afghan refugee carries bread with which to break the Ramadan fast.

Children in Kabul, Afghanistan, made homeless by war

LIFE EXPECTANCY

As a result of war, drought, and poverty, people in Afghanistan can expect to live an average of only 45 years, one of the lowest life expectancy rates in the world. Infant mortality is extremely high. Health services have almost completely collapsed, and few trained doctors and nurses are available to help the sick. Sadly, there are not enough orphanages to cope with the increasing number of children made homeless by war.





ARAL SEA
The vast inland Aral Sea, between Uzbekistan and Kazakhstan, was once a thriving freshwater lake full of fish. Over the years, the rivers flowing into it were diverted or drained to provide irrigation for crops. The sea has now shrunk to half of its original size, reducing the numbers of fish and leaving former fishing villages stranded inland.

The fishing village of Muynoq is now more than 30 miles (48 km) away from the Aral Sea

A man in front of his home, called a yurt, in western Pamir, Tajikistan

MOUNTAIN LIFE
The two small eastern republics of Kyrgyzstan and Tajikistan are both very mountainous and are subject to earthquakes and landslides. Only about six percent of Tajikistan can be used for agriculture, whereas Kyrgyzstan is more fertile.

LOCAL WEALTH
Uzbekistan, Turkmenistan, and Kyrgyzstan all grow considerable crops of cotton—Uzbekistan is the world's fifth-largest producer—as well as fruit and vegetables. The three countries are also rich in mineral deposits, such as gold, mercury, sulfur, and uranium, and have reserves of coal, oil, and natural gas.

Harvesting cotton in Uzbekistan

TAJIKS
The majority of people of Tajikistan are Iranian in origin and speak Tajik, which is related to Farsi. The minority Uzbeks are mostly made up of descendants of Turkic-speaking (related to Turkish) nomads. This division has led to ethnic tension between the two groups. Civil war between the government and Islamic rebels in the east of the country during the 1990s led to an exodus of Uzbeks and Russians, who had moved into the country when it was part of the Soviet Union.

Tajik horsemen in Pamir, Tajikistan

Tilla-Kari, a 17th-century Islamic religious school in Samarkand, Uzbekistan

THE SILK ROAD
The Silk Road is the ancient trade route that brought silks and other fine goods from China through central Asia and the Middle East to Europe. Many cities were built along its route, including Buxoro (Bukhara, Uzbekistan), an important place of pilgrimage for Muslims, and Samarkand, which contains some of the finest Islamic architecture in the world. Many of these cities are now UNESCO-designated World Heritage Sites.



Indian Subcontinent

SEPARATED FROM the rest of Asia by the Himalayas, the Indian subcontinent is home to almost one fourth of the world's population—a staggering 1.5 billion people. They have a long and complex history, form many different ethnic groups, speak a wide variety of languages, and worship many different gods. While some people in these countries are wealthy, many others live in poverty. Tensions between and within countries in this region have sometimes erupted into warfare. The Indian subcontinent is often affected by natural disasters, notably cyclones in the Bay of Bengal and earthquakes and floods in Pakistan. However, India, the most heavily populated nation and once prone to famine, is now more than self-sufficient in food. All but Nepal and Bhutan were once ruled by the British, whose legacy can be seen in the common language of English, the architecture, the vast railroad system, and in sports—most notably cricket.

MONSOON

From May/June to September, warm, moist southerly winds sweep up from the Indian Ocean and the Bay of Bengal across the subcontinent. Once these winds meet dry land, moisture falls as monsoon rainfall. Although this irrigates the land and replenishes the water supply, it can also cause severe flooding.



FAMILY LIFE IN PAKISTAN

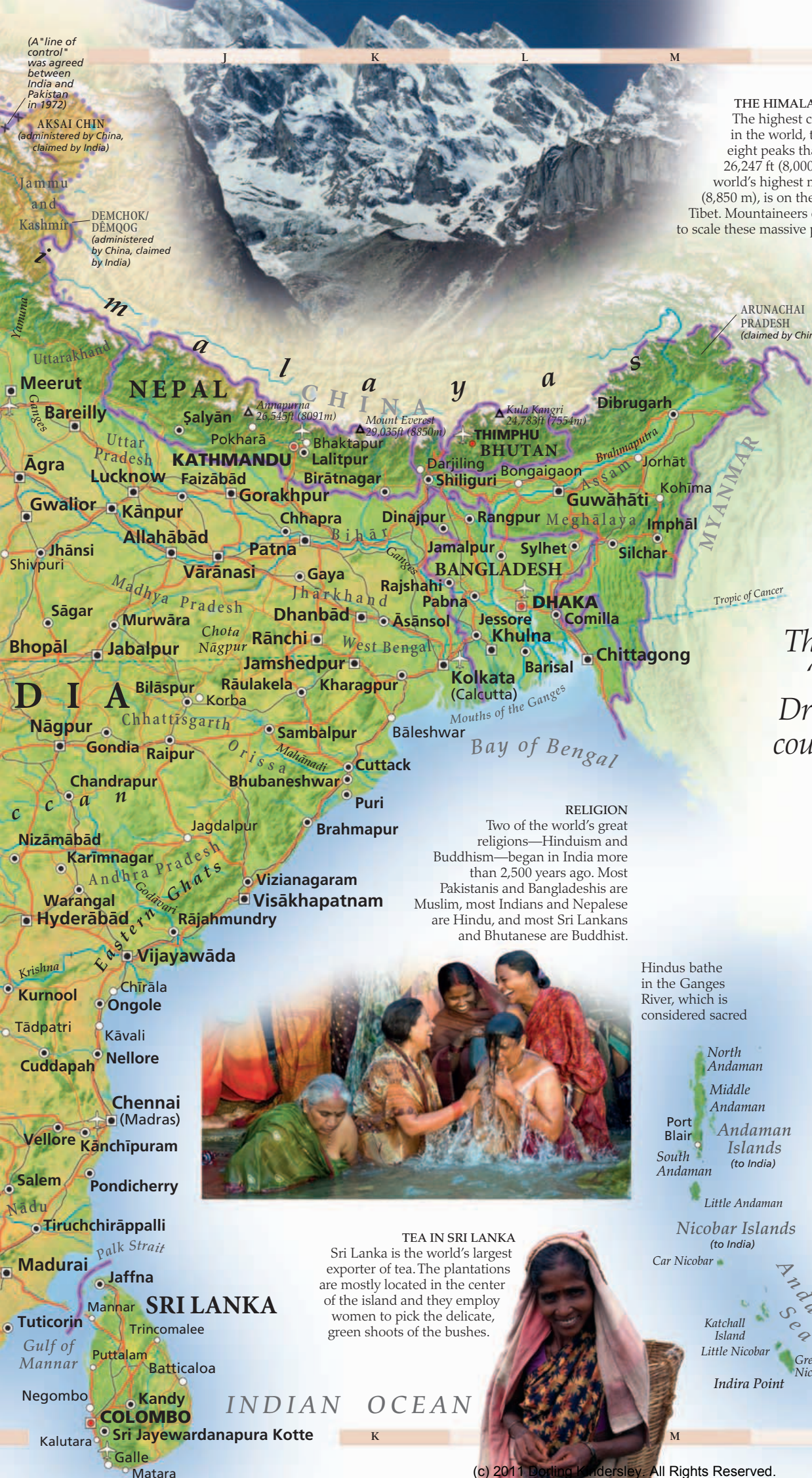
Pakistanis have strong ties to their extended families, and often many generations live and work together in family-run businesses. Smaller family units, however, are becoming more common in urban areas. Although some women hold prominent positions in public and commercial life, such as Benazir Bhutto who was prime minister twice before she was assassinated in December 2007, most women do not work outside the home.

School child,
Sri Lanka



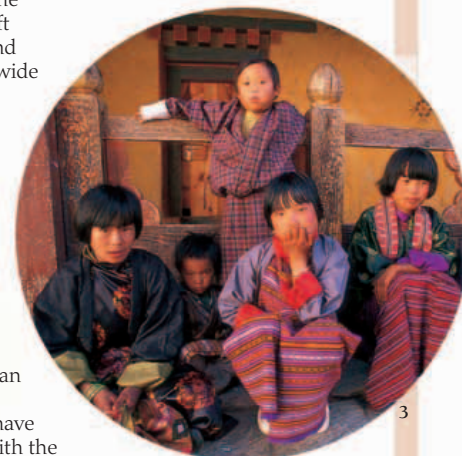
SRI LANKA

In 1983, civil war erupted in Sri Lanka between the Buddhist majority Sinhalese, who dominate the government, and the Hindu minority Tamils, who wanted to establish their own independent state in the north of the island. The civil war, which ended in 2009 when the government defeated the Tamil Tigers, has cost many lives and disrupted the island's economy. Yet Sri Lanka still has one of the highest literacy rates in the world and high levels of health care.



THE HIMALAYAS
The highest chain of mountains in the world, the Himalayas have eight peaks that are more than 26,247 ft (8,000 m) high. Everest, the world's highest mountain at 29,035 ft (8,850 m), is on the border of Nepal and Tibet. Mountaineers come from far and wide to scale these massive peaks.

Bhutanese people



BHUTAN
Hidden away in the Himalayas, the people of Bhutan are devoutly Buddhist and have little contact with the outside world. A minority of the population are Nepalese Hindus who came to the country in the first half of the 1900s. Most Bhutanese live in the fertile river valleys of the center and south of the country. Traditional dress—the *kira* for women and the *gho* for men—is widely worn.

The name Bhutan means "Land of the Thunder Dragon" in Dzongkha, the country's official language.

RELIGION
Two of the world's great religions—Hinduism and Buddhism—began in India more than 2,500 years ago. Most Pakistanis and Bangladeshis are Muslim, most Indians and Nepalese are Hindu, and most Sri Lankans and Bhutanese are Buddhist.

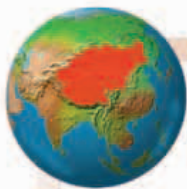
Hindus bathe in the Ganges River, which is considered sacred



BOLLYWOOD
More movies are produced in Mumbai (Bombay), India—more than 800 a year—than in the entire USA, turning "Bollywood," as it is known, into a major cultural center. Bollywood movies generally have historical, religious, or social themes and are famous for their song-and-dance routines and glamorous stars. These movies are an important export to central Asia, the Middle East, and Africa.

TEA IN SRI LANKA
Sri Lanka is the world's largest exporter of tea. The plantations are mostly located in the center of the island and they employ women to pick the delicate, green shoots of the bushes.





Western China and Mongolia

CHINA IS A LAND of huge geographical diversity and amazing landscapes. More than 90 percent of the population are Han Chinese—descendants of people who settled here more than 5,000 years ago. This region includes western China, Mongolia, and Tibet. Mongolia gained its independence from China in 1911 and is now an independent democracy. Tibet is currently governed by China. Compared to eastern China, this region is sparsely populated and characterized by vast deserts, remote mountains, and extreme temperatures.

DESERT LANDS

The cold, rocky Gobi Desert (right) stretches for more than 400,000 sq miles (1,000,000 sq km) through Mongolia and northeast China. Many dinosaur bones and eggs have been found here, making it one of the richest dinosaur fossil regions in the world.



MONGOLIANS

Most of the people living in Mongolia are Khalkha Mongols. About half of these people now live in urban areas, but some still lead traditional lives as nomadic herders. They live in large felt tents called *yurts*. Smoke from the central iron stove escapes through a chimney in the roof.

In traditional Mongolian khoomi singing, men are able to sing several notes at once.

兒童百科全書

CHINESE WRITING

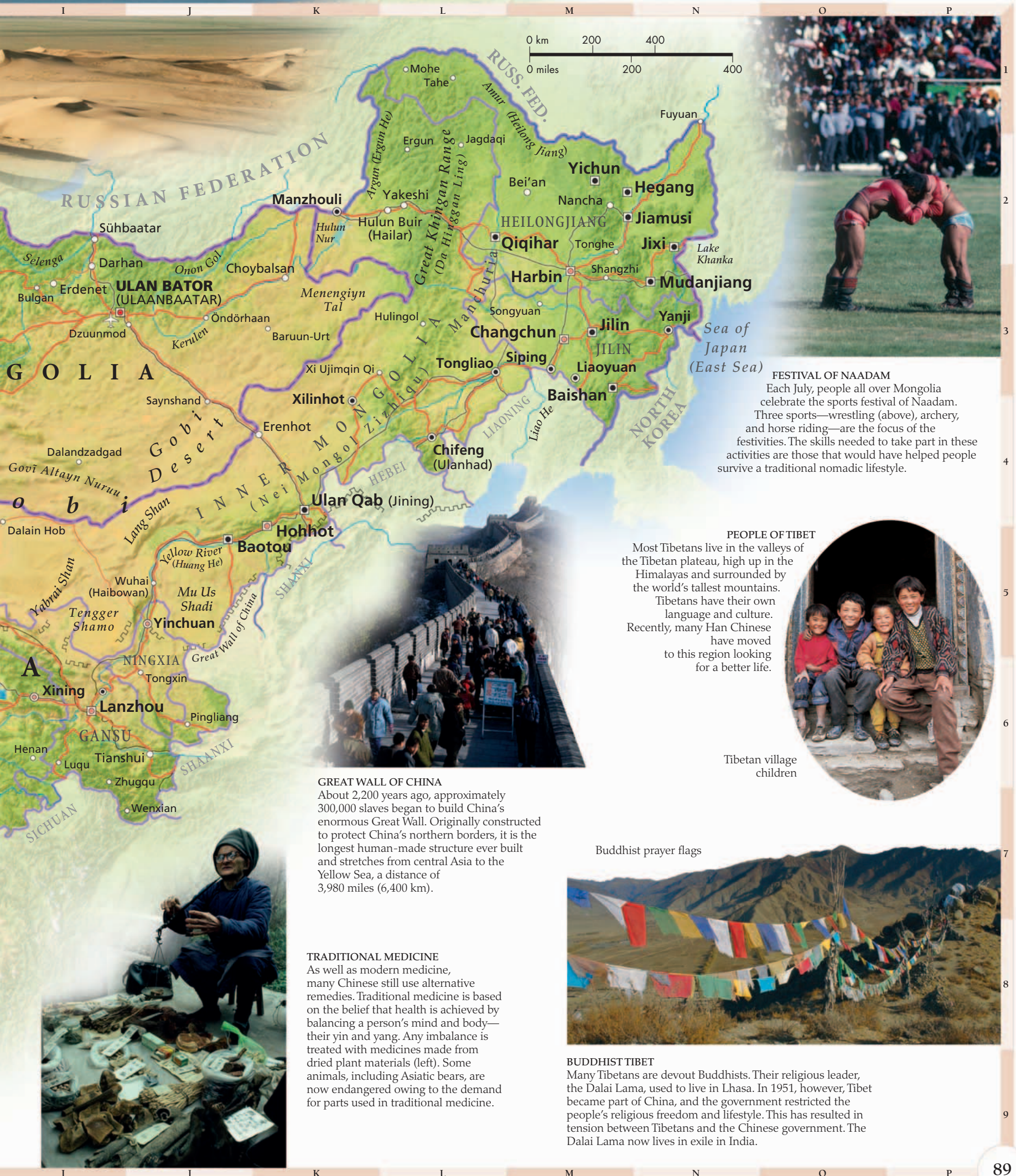
The Chinese alphabet is not made up of letters. Instead, separate symbols stand for individual words or parts of words. There are more than 40,000 characters in the Chinese language. The same symbols are used everywhere in China, and no matter what Chinese language or dialect people speak, they can all read the same script.

Chinese symbols, whose strokes have to be written in a certain order



MONASTERIES IN MONGOLIA

Under communism, Mongolians were forbidden to practice their traditional Buddhist faith, which was viewed as superstitious and unscientific. Since the democratic government was set up in 1990, about 100 monasteries have reopened. Most people, however, no longer follow any religion.



FESTIVAL OF NAADAM

Each July, people all over Mongolia celebrate the sports festival of Naadam. Three sports—wrestling (above), archery, and horse riding—are the focus of the festivities. The skills needed to take part in these activities are those that would have helped people survive a traditional nomadic lifestyle.

PEOPLE OF TIBET

Most Tibetans live in the valleys of the Tibetan plateau, high up in the Himalayas and surrounded by the world's tallest mountains. Tibetans have their own language and culture. Recently, many Han Chinese have moved to this region looking for a better life.

Tibetan village children

GREAT WALL OF CHINA

About 2,200 years ago, approximately 300,000 slaves began to build China's enormous Great Wall. Originally constructed to protect China's northern borders, it is the longest human-made structure ever built and stretches from central Asia to the Yellow Sea, a distance of 3,980 miles (6,400 km).

TRADITIONAL MEDICINE

As well as modern medicine, many Chinese still use alternative remedies. Traditional medicine is based on the belief that health is achieved by balancing a person's mind and body—their yin and yang. Any imbalance is treated with medicines made from dried plant materials (left). Some animals, including Asiatic bears, are now endangered owing to the demand for parts used in traditional medicine.

Buddhist prayer flags



BUDDHIST TIBET

Many Tibetans are devout Buddhists. Their religious leader, the Dalai Lama, used to live in Lhasa. In 1951, however, Tibet became part of China, and the government restricted the people's religious freedom and lifestyle. This has resulted in tension between Tibetans and the Chinese government. The Dalai Lama now lives in exile in India.



Eastern China and Korea

CHINA HAS A LARGE population of more than 1.3 billion, with two thirds living in eastern China. For thousands of years, powerful emperors ruled China. During this period, Chinese civilization was very advanced, but most of the population lived in poverty. In 1949, after a communist revolution, the People's Republic of China was established. Food, education, and health care became available to more people, but there was also a loss of freedom. Today, Chinese people have more freedom, but the government still has tight control over their lives. The Korean peninsula is politically divided into north and south, and political tensions continue to exist between the two governments. Since 1949, Taiwan has been in dispute with China about who governs the mountainous island of Taiwan.

NEW-YEAR CELEBRATIONS

Chinese New Year, also known as the Spring Festival, is the country's most important festival. It is usually held in January or February. Good-luck messages decorate buildings, and there are feasts, fireworks, fairs, and processions. People wear red clothes for good luck and give gifts of coins to symbolize wealth.



Chinese New Year parade

HONG KONG

For 100 years, Hong Kong was a British colony. Then, in 1997, it was returned to China. These small islands are some of the most densely populated areas of the world. Most people live and work in skyscrapers. It has a prosperous economy at the heart of global finance, and the people there have one of the world's highest life expectancies.

Skyline of Hong Kong with a Chinese junk in the foreground



ONE-CHILD FAMILIES

Many Chinese children do not have brothers or sisters. This is owing to policies introduced by the Chinese government in 1979. To try to control the rising population, the government offers special benefits to couples with only one child. Although this has slowed down the rate of growth, China's population still grows by millions each year.



PADDY FIELDS

Rice forms the basis of most Chinese meals. It grows in paddy fields in the southeast of the country. During the growing season, fields are flooded so that farmers can grow more rice more quickly. In drier regions, wheat is grown and used to make noodles, buns, and dumplings. Rice or wheat is combined with local vegetables, meats, and spices to create regional dishes.





NORTH KOREA

North Korea is an independent communist country, but since the break up of the Soviet Union, it has lost many of its trading partners and is now very poor. However, the country has a good education system and a high literacy rate. Education is free and compulsory for all children for ten years.

SOUTH KOREA

South Korea is a democratic nation with a thriving electronics and machinery industry. One fourth of the population lives in or near the capital city, Seoul. The Internet has quickly developed in South Korea and plays an important role in work and leisure. The children below are using computers at an Internet café in the central city of Taejeon.



The majority of the Chinese population lives in only 15 percent of the total land area.



MODERN SHANGHAI

China's largest city is Shanghai. More than 13 million people live in this wealthy east-coast port. International trade has recently transformed Shanghai's skyline, which is now crowded with skyscrapers and modern shopping malls. The center of town still has some old Western-style buildings that have survived from the days before the revolution.

Bicycle factory



CHINESE INDUSTRY

After the revolutionary leader Mao Zedong died in 1976, China's economy opened up. New industry is now encouraged, and many people are moving from the country to cities, where there are relatively well-paid jobs.

BEAUTY OF TAIWAN

Taiwan's mountainous countryside is famous for its natural beauty, scenic lakes, and many ornate Buddhist temples. This peaceful environment contrasts sharply with Taipei, which is one of the fastest-growing cities in Asia.





Japan

JAPAN IS SITUATED in the north Pacific Ocean off the coast of the Asian continent. It is made up of four main islands and more than 3,000 smaller ones. The Japanese people have a distinctive culture based on traditions built up over thousands of years. They have their own language and script. School children all learn to read and write both in the traditional script and using letters. Social rules in Japan are strict, and respect and politeness are considered very important. Most people bow when greeting one another, for example. Japan is a very modern country, however, with one of the world's most technologically advanced societies. Its economy is based on the development and production of cutting-edge electronics and vehicles, and most families have the latest consumer goods.

RELIGIONS OF JAPAN

Many Japanese people follow a mix of the Shinto and Buddhist religions, attending wedding ceremonies in Shinto shrines and funerals in Buddhist temples. Buddhism originated in India and arrived in Japan in the 500s, whereas the Shinto faith is native to Japan. Respect for nature is especially important in the Shinto religion. Many natural locations, such as Mount Fuji, are considered sacred.

Mount Fuji is a dormant volcano.



EARTHQUAKES

The islands of Japan are situated in an area where four of Earth's tectonic plates meet. This causes frequent earthquakes. Japanese school children are taught how to stay safe during an earthquake by sheltering in a doorway or under a table.



OVERCROWDING

Most of the country's 127 million people live in cities in the flatter coastal areas. Tokyo and Osaka are very crowded, and homes here are usually very small and are designed to make the most of the limited space.



FASHION IN JAPAN

On regular days, Japanese people usually wear Western-style clothes. Most children have a school uniform. On festival days, such as Children's Day, many people prefer to wear the traditional kimono. Women's kimonos are often made of colorful silk, decorated with beautiful designs.

MODERN TECHNOLOGY
Japan's economy is based on high-tech research, development, and production. The country has built a reputation for providing the latest technology in vehicles and electronic goods, such as televisions, computers, and stereo systems. Japanese products are usually of a high quality but are still affordable.



MARTIAL ARTS

Kendo is a popular martial art in Japan. It was developed (in its modern form) about 200 years ago and teaches the art of Japanese samurai swordsmanship. Children train using bamboo swords (above).



Prototype of a Mazda car, produced in Hiroshima



BASEBALL

Baseball, known as *yakyū*, is fast becoming Japan's most popular sport. As well as two professional leagues, the game is played at universities and schools. It was introduced to Japan in the late 1800s.



A HEALTHY DIET

Rice is the major crop grown on the small amount of flat land in Japan. Along with rice, fish is an important part of most meals, and Japan has one of the world's largest fishing fleets. This healthy diet may be part of the reason why Japanese people have one of the world's longest life expectancy rates.

Sushi, a dish of raw fish and rice

BULLET TRAINS

One of the fastest ways to travel around Japan is on their high-speed train system—known as bullet trains, or Shinkansen. This network connects Tokyo with most of the country's other major cities, such as Sapporo and Nagasaki. The trains reach speeds of more than 186 mph (300 km/h). Japan built the world's first high-speed train in 1964.





Mainland SE Asia

THE PENINSULA of Southeast Asia lies directly to the south of India and China, between the Pacific and Indian oceans. It is made up of Myanmar (Burma), Thailand, Vietnam, Cambodia, and Laos. Over thousands of years, the influence of people from nearby India, China, and Arabian countries has helped give this region a diverse mix of cultures and religions. Most of the land here is mountainous, with half of the region covered in forests. Most people live in coastal or lowland regions, where they can grow crops such as rice, raise cattle, and catch fish. In recent years, the electronics industry has also become an important part of southeast Asian economies, especially in Thailand.

ORPHANS IN CAMBODIA

Cambodia has a very high percentage of widows and orphans, mostly because many men were killed in civil wars in recent decades.



Cambodian orphanage

GROWING RICE

Rice is the most important crop in southeast Asia. It grows well in wet lowland areas, such as the Mekong River delta in Vietnam, where the plants can be grown in paddy fields. Most rice is planted and harvested by women.

RURAL LIVING
Most people in southeast Asia live in rural areas rather than cities, and farming is the most common occupation. The steep, mountainous regions are often unsuitable for growing crops or raising cattle, however, and many farming communities are based in the fertile river valleys and deltas. There are more than 200 villages on and around this lake (right) in Myanmar.



Padaung women, who are part of the Karen tribe, wear distinctive gold neck rings.



KAREN TRIBE
There are 600,000 tribespeople living in the northeastern hills of Thailand. The Karen are the largest hill tribe. They originated from Myanmar but moved into Thailand to escape political unrest.





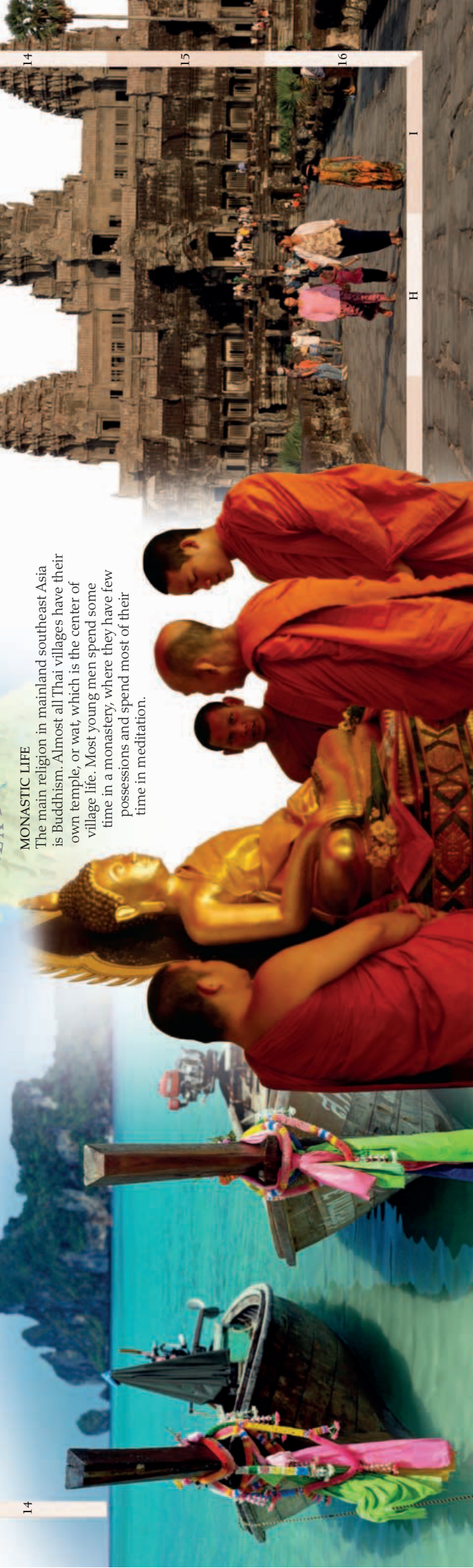
A large, previously unknown mammal, the Vu Quang ox was only recently discovered in the forests of northern Vietnam.

THAI BEACHES

Tourism is now a major industry for Thailand. Popular destinations include the country's lively capital, Bangkok, and beautiful island beach resorts (below). Phuket, Thailand's largest island, is often referred to as the "Pearl of the South."

MONASTIC LIFE

The main religion in mainland southeast Asia is Buddhism. Almost all Thai villages have their own temple, or wat, which is the center of village life. Most young men spend some time in a monastery, where they have few possessions and spend most of their time in meditation.





Maritime SE Asia

TO THE SOUTH OF THE ASIAN mainland lies maritime southeast Asia. It includes Malaysia, Indonesia, East Timor, Singapore, and the Philippines. Part of Malaysia is connected to the mainland, but the rest of the region is made up of more than 20,000 islands that stretch across the Pacific and Indian oceans. Lying near the Equator, the climate is mostly hot, wet, and humid. Most of the larger islands are mountainous and covered in dense forests, and many people live in villages near rivers or on the coast. Like the rest of southeast Asia, the population is made up of people from many different cultural backgrounds speaking hundreds of different languages. The most common religion is Islam, except in the Philippines, where most people are Roman Catholic.



GREAT APES

Orangutans are great apes that live only in Borneo and the northern corner of Sumatra. They spend most of their time in the trees, even building tree-top nests in which to sleep. Sadly, the orangutan is endangered because of deforestation.

PEOPLE OF MALAYSIA

Ethnic Malaysians make up 53 percent of the population and are known as bumiputera, meaning "son of the soil." Most Malaysians are Muslim. Ethnic Chinese form 26 percent of the population.



Ubudiah mosque, Malaysia

SINGAPORE

As the financial and industrial centre of southeast Asia, Singapore is one of the wealthiest countries in this region. It has a thriving high-tech industry and a high standard of living. There are strictly enforced laws forbidding littering and other petty crimes. The death penalty is imposed for drug smuggling. The government also controls the press and restricts the Internet.



Sultan of Brunei

THE SULTAN OF BRUNEI

Brunei is ruled by a sultan who lives in the world's largest palace. The sultan is one of the wealthiest men in the world.

Skyscrapers in Singapore's financial district

KITE FLYING

After the harvest, the people of Malaysia celebrate with the Wau (kite-flying) Festival, where skilled people demonstrate the traditional Malaysian sport.





STORMS AND VOLCANOES
The islands of the Philippines are on a fault line and form part of the "Pacific Ring of Fire"—an area prone to volcanic activity and earthquakes. When Mount Pinatubo, on the island of Luzon, erupted in 1991, it destroyed more than 40,000 homes.

In Malay, orangutan means "man of the jungle."

THE PHILIPPINES
The people of the Philippines are called Filipinos and are mostly of Malay descent. It is estimated that more than 40 percent of the population lives in poverty. Because income is higher in the cities, many people move there in the hope of escaping poverty. However, lack of adequate housing means that many poorer families have to live in crowded slums.

Children living and working in "Smoky Mountain," Manila

Mount Pinatubo erupting in 1991

Machine replanting rice seedlings

RICE RESEARCH
Rice is the primary food source for half of the world's population. Near Manila, Philippines, scientists are now experimenting with ways of creating rice plants that produce greater yields. New varieties are also being developed to grow faster, allowing farmers to harvest and replant several times during one growing season.

OIL RICHES
Oil was first discovered in Brunei in 1929. Since then, oil has also been drilled offshore. Brunei's most important natural resource has made the country very wealthy. Its people enjoy free health care and education and pay no taxes.



Indian Ocean

THE THIRD-LARGEST ocean in the world, the Indian Ocean is bounded by Africa, Asia, Australasia, and Antarctica. The ocean contains some 5,000 islands. Madagascar and Sri Lanka are large, but most of the islands are small and ringed by coral reefs. The people of the Maldives have very mixed origins, incorporating Indian, Sinhalese, Arab, and African heritages, while two thirds of those living in Mauritius are Indian immigrants and their descendents. Altogether, about one fifth of the world's population live on this ocean's warm shores. Those along the northern coasts are often threatened by monsoon rain and tropical storms, which can cause severe flooding.

CORAL ISLANDS

Coral is a living organism formed in warm water by tiny sea creatures known as polyps. These creatures build limestone skeletons around themselves that accumulate over thousands of years. As sea levels change, this coral can be exposed as low-lying islands or submerged as reefs.



THE SEYCHELLES

The Seychelles consists of 115 islands—some are coral islands, while others are mountainous and made of granite. Most Seychellois people are Creoles—people of mixed African, Asian, and European ancestry. There are also small Chinese and Indian communities.



Market on the largest Seychelles island, Mahé

ENVIRONMENT

Beautiful shells are for sale on this beach in South Africa. If the trader collects only empty shells, no harm is done, but in many parts of the world, dealers hunt live shellfish, sea turtles, and rare species of starfish and sea urchins. Nations such as the Maldives take great care to protect the environment.



LIMITED TOURISM

The tropical climate, sandy beaches, beautiful coral reefs, and abundant marine life make both the Seychelles and the Maldives ideal tourist destinations. These same features also make them extremely attractive to scuba divers. However, the fragile environment of both island nations means that they have deliberately tried to make them exclusive, attracting only limited numbers of wealthy visitors, instead of pursuing mass tourism.





SALT FROM THE SEA

Salt is essential for life and has been traded here for centuries. People around the Indian Ocean make salt by flooding large flat areas with seawater. As the water evaporates in the sun, salt crystals are left behind. These are then collected, drained, and cleaned.

Collecting salt in the Maldives



MANGROVES

A lot of the coast in the tropical part of the Indian Ocean is fringed with mangrove forests. These amazing trees live in salty water and have long roots that trap sediment and protect the coast from erosion. Without these trees, settlements and land along the coast are in danger of being damaged by high tides and strong storms.

The moutia dance of the Seychelles was brought to the islands by African slaves in the 1700s.

INTERNATIONAL SEAWAYS

The Indian Ocean contains some of the busiest and most important shipping routes in the world. Smaller ships sail to and from the Mediterranean Sea and the ports of Europe and North America through the Red Sea and Suez Canal, while larger freighters and oil tankers from the Persian Gulf sail around the Cape of Good Hope at the southern tip of Africa.

Norwegian freighter



AUSTRALASIA OCEANIA

Unknown to the outside world before the 1600s, Australia is still a sparsely inhabited land where most people live in cities. At its heart is a huge arid desert, in stark contrast to the islands of Oceania, where all of life revolves around the glittering ocean. The 3,000 named islands are grouped into nations, listed below in order of land area.

<div>Australia</div> 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The ancestors of today's Pacific Islanders reached their islands by crossing the ocean in giant canoes. Many islanders still rely on the ocean to make a living.

Tuvalu



10 sq miles
26 sq km

11,100

Fongafale (Funafuti Atol)

Tuvaluan, Kiribati, English

Nauru



8 sq miles
21 sq km

9,800

None

Nauruan, Kiribati, Chinese,
Tuvaluan, English

The colorfully named Champagne Pool is one of many hot springs in Rotorua, New Zealand—one of the most volcanically active countries in the world.



SW Pacific

THE ISLANDS of the southwest Pacific Ocean are home to people of many different cultures and languages. These islands are divided into three general groups based on their location and the similarities between their peoples. The Polynesian islands to the east include Tonga, Samoa, the Cook Islands, and Tahiti. Melanesia includes Fiji, the Solomon Islands, and Vanuatu. The smallest group, Micronesia, includes the Marshall, Kiribati, and Caroline Islands. The first Europeans came to the southwest Pacific in the 1600s, several thousand years after the Melanesians, Micronesians, and Polynesians first arrived.

LAND OF MANY LANGUAGES

Historically, the mountainous landscape of Papua New Guinea made contact between villages difficult. As a result of many years of isolation, some villages developed their own individual languages. Nationwide, about 800 different languages evolved.

Men in Papua New Guinea wearing traditional makeup

Beads, shells, and feathers form part of the decoration.

A MIX OF RELIGIONS

Christianity is the dominant religion on most southwest Pacific islands. However Islam and Hinduism are also practiced. Many people also retain beliefs from traditional religions that existed before the islands were colonized by people from Europe and Asia.

ISLAND VACATION
White sandy beaches and warm water makes this region ideal for tourists.



NORTHERN MARIANA ISLANDS
(to U.S.)

Tinian Saipan Rota

GUAM
(to U.S.)

HAGATÑA

Babeldaob
MELEKEOK
PALAU

MICRONESIA

Chuuk Islands
PALIKIR
Pohnpei

MARSHALL ISLANDS

Enewetak Atoll Bikini Atoll Rongelap Atoll

Ujelang Atoll Ratak Chain
Kwajalein Atoll Namu Atoll

Ailinglaplap Atoll
Jaluit Atoll Ebon Atoll

NAURU

Banaba

PAPUA NEW GUINEA

Admiralty Islands
Bismarck Archipelago
New Ireland
Bougainville Island
Choiseul
Santa Isabel
Malaita
Guadalcanal
San Cristobal
Rennell

PORT MORESBY

HONIARA

SOLOMON ISLANDS

VANUATU

Espiritu Santo
Malekula
Maéwo Pentecost
Ambrym Epi

PORT-VILA

NEW CALEDONIA
(to France)

Erromango
Tanna
Aneityum
Lifou
Maré
NOUMÉA

Tropic of Capricorn

Vanuatu tribespeople dancing at a religious ceremony

FOOD CROPS

Most Pacific Islanders live in small villages near the ocean. Inland areas are often mountainous, making farming difficult. Instead, people grow foods such as sweet potatoes, bananas, and coconuts in lowland areas. As well as providing milk, coconut flesh is used to produce copra, a substance for making soap and cosmetics.

Copra worker in Fiji
scooping coconut kernels

THE KINGDOM OF TONGA

Tonga is the only Pacific nation never fully brought under foreign rule. Instead, it is run in the traditional way by its own king. All land is owned by the royal family and is allotted to households for their use. Now, some young, Westernized Tongans have started calling for more democracy.

The Royal Palace
in Tonga

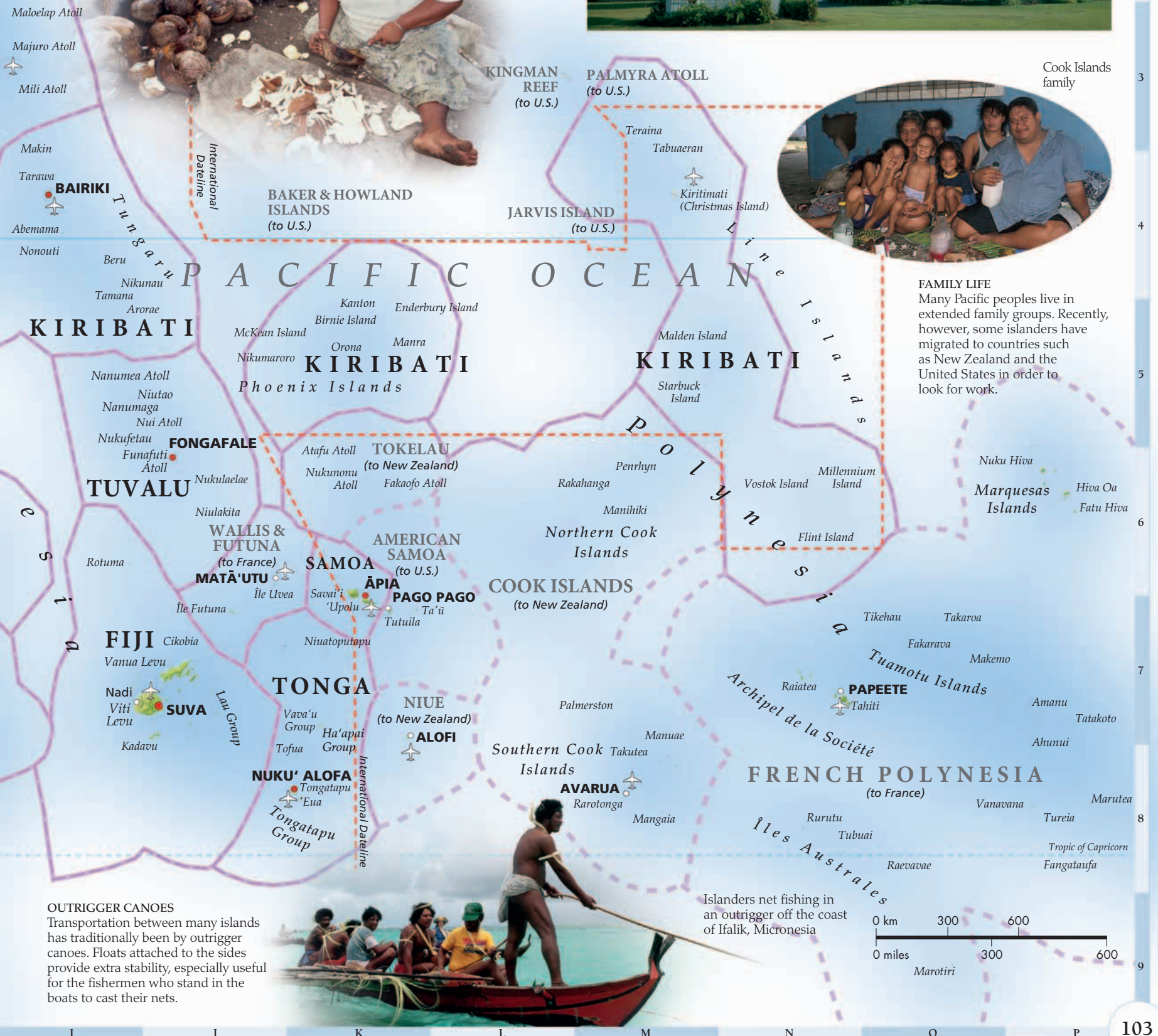


Cook Islands
family



FAMILY LIFE

Many Pacific peoples live in extended family groups. Recently, however, some islanders have migrated to countries such as New Zealand and the United States in order to look for work.



OUTRIGGER CANOES

Transportation between many islands has traditionally been by outrigger canoes. Floats attached to the sides provide extra stability, especially useful for the fishermen who stand in the boats to cast their nets.

Islanders net fishing in
an outrigger off the coast
of Ifalik, Micronesia





Australia

A HUGE, GENERALLY FLAT COUNTRY, Australia has relatively few inhabitants. This is mostly because most of the land is hot, semiarid desert—known as the outback—unsuitable for towns or farms. In places where there is some vegetation or the land has been irrigated, sheep and cattle are grazed. Wheat is grown in the fertile south. The first people to live here were the Aborigines, who arrived from Asia at least 50,000 years ago. Today, most Australians are descendants of European immigrants, with a more recent addition of Asians.



FLYING DOCTOR

For anyone living in the remote Australian outback, the nearest doctor can be many hours away. When emergency help is needed, the Royal Flying Doctor Service can get to the scene to treat a patient or fly them to a hospital.



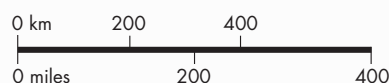
AUSTRALIAN ABORIGINES

The original inhabitants of Australia had an intimate understanding of the environment. This connection to the land and its plants and animals affects every aspect of their culture. When Europeans started arriving in the late 1700s, only the Aborigines in remote areas escaped contact with the diseases they brought. Today, Aborigines rarely live off the land, but instead work in factories or on farms.



MINING

Australia has one of the world's most important mining industries, with resources including gold (left), coal, natural gas, iron ore, copper, and opals. However, damage to the environment—and Aboriginal claims over land used for mining—still need to be faced.



AUSTRALIAN FOOTBALL

A popular sport here is Australian Rules Football. One of the rules is that players can kick or punch the ball, but they must not throw it. Many Australians either play the game themselves or support their favorite team. As the name implies, the game originated in Australia, but it now has leagues in other countries, such as Great Britain and the U.S.



OUTDOOR SPORTS

A warm climate, with easy access to beaches and wilderness areas, has made outdoor activities an important part of modern Australian life. Watersports, such as swimming, sailing, and surfing, are especially popular. Because of the danger of exposure to strong sunlight, people are told to cover up and always use sunscreen.





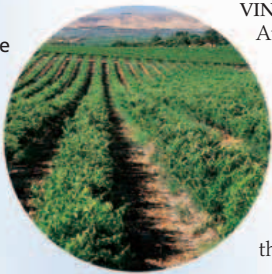
UNIQUE WILDLIFE
Animal parks and refuges allow “townies” and tourists to get close to Australia’s unique wildlife. They can see marsupials, such as koalas and wallabies (left), as well as crocodiles, snakes, and the world’s only egg-laying mammals—the platypus and the echidna.



Voting in government elections in Australia is compulsory. Citizens who fail to vote can be fined.



TOURIST ATTRACTIONS
Tourism is important to Australia’s economy, and there is plenty to attract visitors. Popular destinations include the tropical waters around the Great Barrier Reef (above), the modern cities of Sydney and Melbourne, and the impressive sight of Uluru (Ayers Rock), a mountainous rock sacred to the Aborigines.



VINEYARDS
Australia boasts an impressive range of high-quality wine-growing regions, specializing in different grapes. Wines are exported to more than 90 countries.

LIFE IN CITIES
Most Australians live in the coastal towns and cities of southeastern Australia, where the climate is cooler. Although Canberra is the capital, Sydney is the largest and oldest city and is beautifully situated around Sydney Harbor. One of the world’s most famous landmarks is Sydney Opera House (below), which has five separate auditoriums for concerts, operas, and plays. The design echoes the sails of a ship.





New Zealand

MADE UP OF TWO MAIN ISLANDS and several smaller ones, New Zealand is one of the most isolated countries in the world. Located in the southern Pacific, the country has a mild climate, with warm summers and cool, wet winters. Both main islands have mountains, short, swift-flowing rivers, forests, and fertile farmland. Until the Europeans arrived, most of the landscape was covered in dense forest known as native bush. Today, although forests remain, most has been cleared for farming. Most New Zealanders live on North Island, which is warmer and less mountainous. Although New Zealanders are of mostly British descent, the Maoris—a people of Polynesian origin—were the first to arrive about 1,000 years ago. Today, non-Maori Polynesians and Asians are adding to the ethnic mix. The country has a liberal, clean, “green” image and a high standard of living.

AUCKLAND

With its safe harbor and nearby scenic islands, Auckland is known as the “city of sails”. It boasts more pleasure boats per person than anywhere else in the world. The water that separates the bigger islands is home to dolphins, families of blue penguins, and the occasional whale.

Three Kings Islands

Cape Reinga

North Cape

Ninety Mile Beach

Te Kao Bay

Great Exhibition

Kaitia

Okaihau

Kaikohe

Hokiangā Harbour

Wairoa

Hikurangi

Whangarei

Wellsford

Ruawai

Warkworth

Helensville

Takapuna

Auckland

Manurewa

Papakura

Pukekohe

Waiuku

Paeroa

Thames

Mayor Island

Whakatane

Opotiki

Kawerau

Murupara

Wairoa

Hawke Bay

Hastings

Havelock North

Waipawa

Waipukurau

Dannevirke

Woodville

Pahiatua

Palmerston North

Levin

Feilding

Marton

Wanganui

Patea

Stratford

Raetihi

Talhape

Wairarapa

Waitara

North Taranaki

South Taranaki

Cape Egmont

Mount Taranaki

(Mount Egmont)

8261ft (2518m)

Hawera

Golden Bay

D'Urville Island

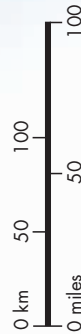
Cape Farewell

MĀORI CULTURE

Māoris make up almost 16 percent of the population, with most living on North Island. Before the coming of the *Pakeha* (white man), Māori history was orally passed on to succeeding generations. This included many legends and *waiata* (songs). Their carvings in wood (left) and stone (right) were another way in which they recorded and remembered events. In recent years, interest in Māori culture has increased, and schoolchildren are now taught the Māori language.



Greenstone (jade) carving, an example of Māori art



Tasman Sea

North Island

South Island

Pacific Ocean

East Cape

Ruatoria

Whakatane

Opotiki

Kawerau

Murupara

Wairoa

Hawke Bay

Hastings

Havelock North

Waipawa

Waipukurau

Dannevirke

Woodville

Pahiatua

Palmerston North

Levin

Feilding

Marton

Wanganui

Patea

Stratford

Raetihi

Talhape

Wairarapa

Waitara

North Taranaki

South Taranaki

Cape Egmont

Mount Taranaki

(Mount Egmont)

8261ft (2518m)

Hawera

Golden Bay

D'Urville Island

Cape Farewell

Manurewa

Papakura

Pukekohe

Waiuku

Paeroa

Thames

Mayor Island

Whakatane

Opotiki

Kawerau

Murupara

Wairoa

Hawke Bay

Hastings

Havelock North

Waipawa

Waipukurau

Dannevirke

Woodville

Pahiatua

Palmerston North

Levin

Feilding

Marton

Wanganui

Patea

Stratford

Raetihi

Talhape

Wairarapa

Waitara

North Taranaki

South Taranaki

Cape Egmont

Mount Taranaki

(Mount Egmont)

8261ft (2518m)

Hawera

Golden Bay

D'Urville Island

Cape Farewell

Manurewa

Papakura

Pukekohe

Waiuku

Paeroa

Thames

Mayor Island

Whakatane

Opotiki

Kawerau

Murupara

Wairoa

Hawke Bay

Hastings

Havelock North

Waipawa

Waipukurau

Dannevirke

Woodville

Pahiatua

Palmerston North

Levin

Feilding

Marton

Wanganui

Patea

Stratford

Raetihi

Talhape

Wairarapa

Waitara

North Taranaki

South Taranaki

Cape Egmont

Mount Taranaki

(Mount Egmont)

8261ft (2518m)

Hawera

Golden Bay

D'Urville Island

Cape Farewell

Manurewa

Papakura

Pukekohe

Waiuku

Paeroa

Thames

Mayor Island

Whakatane

Opotiki

Kawerau

Murupara

Wairoa

Hawke Bay

Hastings

Havelock North

Waipawa

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Paeroa

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Kawerau

Murupara

Wairoa

Hawke Bay

Hastings

Havelock North

Waipawa



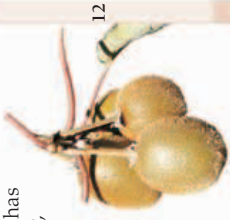
FILM INDUSTRY

New Zealand has a well-established film industry. Today, thanks to the acclaimed Tolkien trilogy *Lord of the Rings* (above), the country has become increasingly popular with international studios for location work. The country offers an unusually wide range of scenery, as well as technical experts.



AN AGRICULTURAL NATION

Agriculture is of prime importance, and it accounts for more than half of national export earnings. Orchards produce a wide range of fruit, from apples (above) to kiwi fruit (below). Cereals and other crops, such as sunflowers, add color and variety to the landscape. Traditional sheep and cattle farming has expanded to include deer, goats, and even ostrich.



Flightless
Kiwi bird

UNIQUE WILDLIFE

New Zealand has many unique and endangered animal species, especially birds. There were no mammal predators before humans introduced them, so many animal species have few means of defense, and some birds, such as the kiwi, cannot fly. Conservation programs are now in place to protect endangered species.



GREEN ENERGY

Most of the country's electricity comes from hydroelectric power. It is generated by river water gushing through turbines inside dams at power plants. New Zealand also has geothermal energy, using heat taken from inside Earth.



ADVENTURE-SPORTS PARADISE

New Zealand offers a huge range of adventure sports and outdoor activities, from white-water rafting (below) to bungee jumping. The latter originated in Queenstown on South Island.

The town is billed as the country's top adventure-tourism destination because its surrounding lakes, mountains, and rivers—and its mostly dry climate—are ideal for outdoor pursuits.

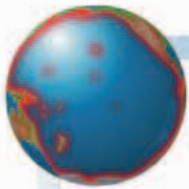


VOLCANIC ACTIVITY

A fault line runs through New Zealand, where two major tectonic plates meet. It has caused devastating earthquakes but has also helped create breathtaking scenery. This includes South Island's Southern Alps and many smaller volcanic mountains, hot springs, and geysers on North Island.

Lady Knox geyser,
North Island





Pacific Ocean

THE LARGEST OCEAN ON EARTH, the Pacific covers one third of Earth's surface. The island nations of Japan, Indonesia, Australia, New Zealand, and many others are completely surrounded by this enormous ocean, which stretches from the Arctic in the north to the Antarctic in the south. The Pacific is also the world's deepest ocean—its greatest known depth is in the Mariana Trench, off Guam, which plunges steeply for 36,198 ft (11,033 m). Within the Pacific, there are many smaller seas that lie near land. These include the Tasman Sea, the South China Sea, and the Bering Sea. There are more than 30,000 islands in the Pacific. Most are too small or barren to be inhabited, but others are home to people of many different cultures and religions. The native island peoples fall into three main groups—Polynesians, Melanesians, and Micronesians. Although the word *pacific* means “peaceful,” strong currents, tropical storms, and tsunamis can all make this ocean far from peaceful.

Tsunami

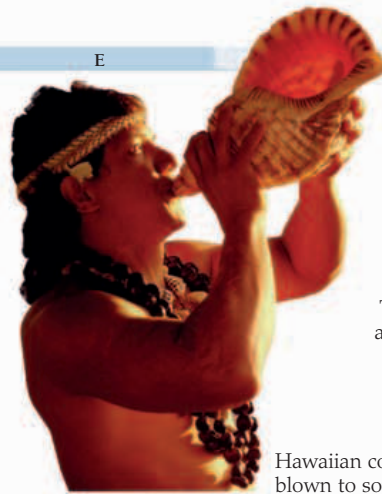
Earthquakes beneath the Ocean may cause giant waves called tsunamis.

These can travel great distances across the ocean, building into a huge wall of water as they approach the coast. They can leave immense damage in their wake.



Surfing

The Hawaiian sport of surfing ranks as the oldest sport in the USA. It was first practiced by the nobility as a form of religious ceremony until the 1820s, when missionaries, who thought it was immoral, tried to ban it. Today, surfing is one of the most popular watersports and can be enjoyed all over the world, from Australia to the U.K.



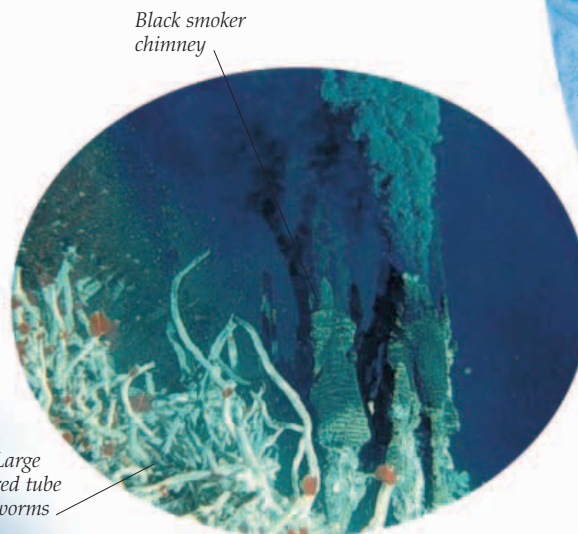
Hawaiian conch shells, once blown to sound a warning



Marine iguana on black volcanic rocks, Galápagos Islands

Galápagos Islands

When British naturalist Charles Darwin (1809–1882) traveled to the Galápagos Islands, he found many unusual animals. He also noticed differences between animals of the same species living elsewhere. This led him to believe that, over time, animals adapt, or evolve, to suit their habitats.



Black smoker chimney

Large red tube worms

Deep-sea vents

Underwater exploration has revealed some amazing places deep in the Pacific. Large vents, formed by solidified minerals, act as chimneys for super-hot steam and gas that stream up from the sea bed. These vents are known as black smokers. Scientists have found a variety of new creatures living in this hostile environment.

Hawaii

This chain of eight volcanic islands and 124 islets forms the 50th state of the United States of America, and was admitted to the union in 1959. The dramatic landscape and palm-fringed beaches make Hawaii a popular destination for tourists. Today, native Hawaiians are a minority in their own land.

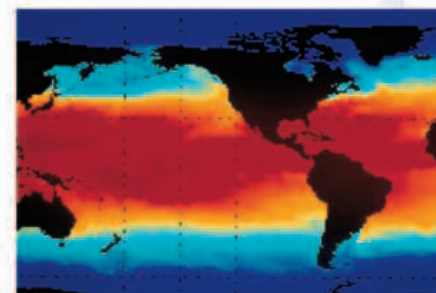


The Pacific is larger than Earth's entire land surface.



EASTER ISLAND

Easter Island in the Pacific lies more than 2,000 miles (3,218 km) from the nearest populated land. It is best known for the gigantic stone figures known as Moai that were carved from volcanic rock and erected facing the ocean. It is thought that the people who built the statues were of Peruvian descent.



EL NIÑO

Every few years, winds off the South American coast weaken, causing an unusually warm ocean current known as El Niño. This kills off plankton that provide food for fish such as anchovies. Scientists use heat-sensitive cameras to map ocean temperatures and keep track of El Niño. The warmest waters are shown in orange/red (above).

SOUTH PACIFIC FISH

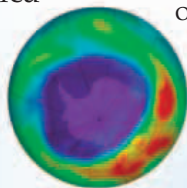
Fish stocks in the south Pacific are an important food source for the island countries and a major source of employment. Migratory tuna are the most important fish. However, it is becoming clear that the industry needs to be effectively managed in order to avoid the dangers of overfishing and the collapse of fish stocks.

Tuna fishing needs to be carefully monitored.



Antarctica

THE FROZEN CONTINENT OF ANTARCTICA is covered by a vast icecap, many thousands of years old, and surrounded by the freezing waters of the Southern Ocean. It is the only continent with no permanent inhabitants—the only people who come here are scientists or tourists. Although the land is rich in oil and minerals, mining is prohibited under the laws of the Antarctic Treaty. This Treaty, agreed by 45 countries, made Antarctica a “continent for science” to be used for peaceful purposes only.



OZONE HOLE

High up in the atmosphere, ozone (a gas) forms a natural shield that protects us from the Sun's ultraviolet rays. Scientists at both poles have found holes in the ozone layer, caused by chemicals known as CFCs, once used in aerosols, fridges, and plastic packaging.

DAYTRIPPERS

Tourists visit Antarctica in the summer. There are no hotels, so visitors generally stay on small cruise ships. When they come ashore, people have to wear insulated clothing and goggles to protect their eyes from the glare off the ice.

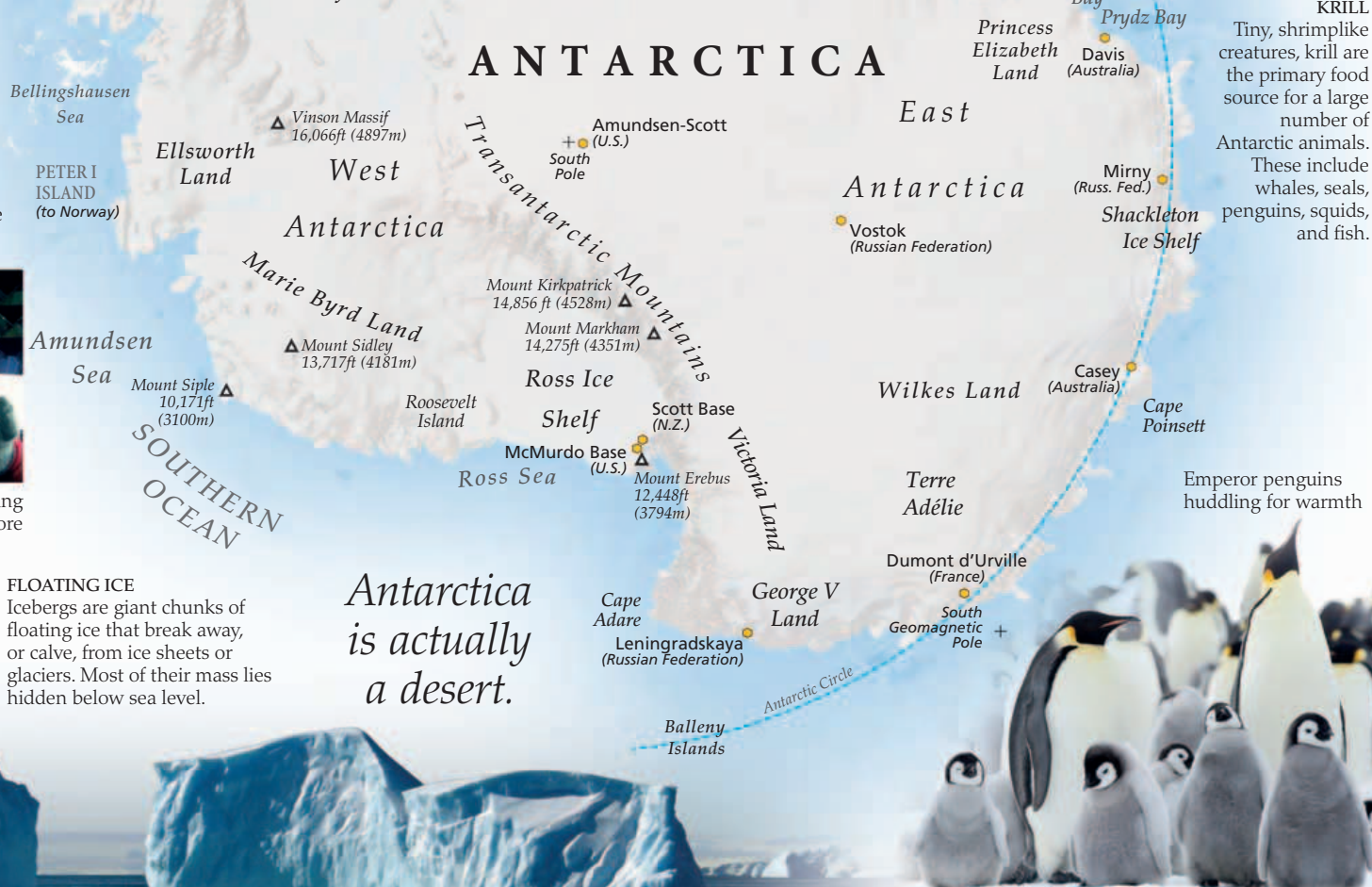


RESEARCH

The only people who live in Antarctica are scientists. They come to study the climate, weather, and geology. By taking ice samples, for example, they can learn about changes in the world's climate over time.



Scientist checking an ice core



FLOATING ICE

Icebergs are giant chunks of floating ice that break away, or calve, from ice sheets or glaciers. Most of their mass lies hidden below sea level.

Antarctica is actually a desert.

KRILL

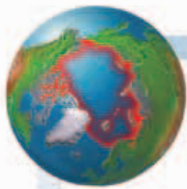
Tiny, shrimplike creatures, krill are the primary food source for a large number of Antarctic animals. These include whales, seals, penguins, squids, and fish.

Emperor penguins huddling for warmth



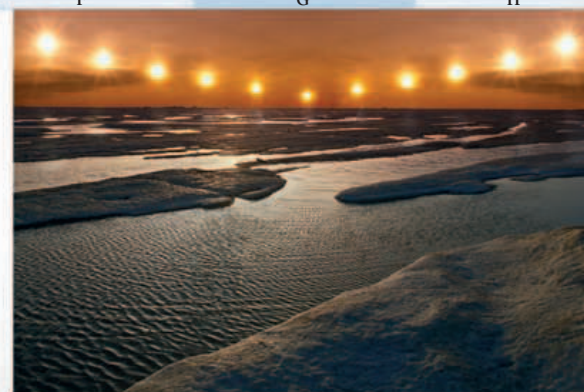
PENGUINS

Penguins walk awkwardly on land but can swiftly swim to catch fish. Waterproof feathers and a thick layer of fat help keep them warm.



Arctic Ocean

THE SMALLEST OF THE WORLD'S oceans, the Arctic is almost completely surrounded by the northern edges of North America, Europe, and Asia. For most of the year, its waters are covered by a thick sheet of ice, although warmer currents from the Pacific and Atlantic oceans melt the ice along the continental coasts for a short time in the summer. Despite the harsh conditions, the region is home to a range of wildlife, such as reindeer, musk oxen, foxes, and wolves. Some people, including the Inuit of Canada and the Sami of northern Scandinavia, have also adapted to this tough environment.



LONG DAYS

Seasons at the poles are extreme. Polar summers are short, but there can be sunshine for 24 hours a day as the Sun never dips below the horizon (above). This is because Earth rotates at an angle to the Sun.

ALASKAN OIL

Reserves of oil and gas in the Beaufort Sea, off the coast of Alaska, have attracted interest. However, the introduction of ships and oil platforms brings problems. In a bid to protect the area, several environmental organizations are actively working to prevent drilling for more oil in this area.

Walrus breed off the Arctic coasts.

0 km 250 500
0 miles 250 500

ARCTIC SURVIVORS

Polar bears live along the Arctic coasts of Canada, Greenland, and Russia. They hunt seals and fish at points where the sea ice melts. With so much Arctic ice having melted away in recent years, the polar bear's habitat is slowly disappearing. An insulating layer of fat called blubber helps the bears survive the cold. Their white fur also provides essential camouflage on the ice.

ARCTIC

OCEAN



NORTHERN LIGHTS

In midwinter, the north polar skies are sometimes lit up by dramatic curtains of red and green light. Known as the northern lights, these special effects are caused by disturbances in the upper atmosphere. The same happens near Antarctica, where the effect is called the southern lights.



Gazetteer

HOW TO USE THE GAZETTEER

This gazetteer is a selection of the names in *Children's World Atlas*, and can be used to help you find places on the maps. For example, to find the city of Lisbon in Portugal, look up its name in the gazetteer. The entry reads:

Lisbon *Capital* Portugal 58 E6

The first number, 58, tells you that Lisbon appears on the map on page 58. The second number, E6, shows that it is in square E6. Turn to page 58. Trace down from the letter E along the top of the grid (or up from the letter E on the bottom of the grid), and then across from the number 6 on the side of the grid. You will find Lisbon in the area where the letter and number meet.

A

Aachen *Town* Germany 56 B7
Aalborg *Town* Denmark 49 B11
Aalen *Town* Germany 57 E9
Aalst *Town* Belgium 53 D11
Aalter *Town* Belgium 53 C10
Äänekoski *Town* Finland 48 G8
Aba *Town* Nigeria 41 L8
Aba *Town* Democratic Republic of Congo 42 I8
Ābādān *Town* Iran 82 E7
Abakan *Town* Russian Federation 78 H7
Abbeville *Town* France 54 E5
Abéché *Town* Chad 42 F6
Abengourou *Town* Côte d'Ivoire 41 I8
Aberdeen *Town* South Dakota, USA 12 G4
Aberdeen *Town* Maryland, USA 9 H8
Aberdeen *Town* Scotland, UK 50 F5
Aberystwyth *Town* Wales, UK 51 E10
Abhā *Town* Saudi Arabia 83 C11
Abidjan *Town* Côte d'Ivoire 40 H8
Abilene *Town* Texas, USA 17 K5
Ābo *see* **Turku**
Abomey *Town* Benin 41 J7
Abrantes *Town* Portugal 58 F6
Abu Dhabi *Capital* United Arab Emirates 83 F9
Abu Hamed *Town* Sudan 38 E6
Abuja *Capital* Nigeria 41 L7
Abū Kamāl *Town* Syria 80 I7
Abū Zāby *see* **Abu Dhabi**
Acapulco *Town* Mexico 19 J9
Acarigua *Town* Venezuela 26 D5
Accra *Capital* Ghana 41 I8
Aconcagua, Cerro *Mountain* Argentina 30 D7
A Coruña *Town* Spain 58 E2
Açu *Town* Brazil 29 M3
Adamawa Highlands *Mountain range* Cameroon 42 D8
'Adan *see* **Aden**
Adana *Town* Turkey 76 G6
Adapazari *Town* Turkey 76 E4
Ad Dahna' *Desert* Saudi Arabia 83 E9
Ad Dakhla *Town* Western Sahara 36 C7
Ad Dammān *Town* Saudi Arabia 83 E9
Ad Dawḥah *see* **Doha**
Addis Ababa *Capital* Ethiopia 39 F9

Adelaide *Town* South Australia, Australia 105 J7
Aden *Town* Yemen 83 D13
Aden, Gulf of Indian Ocean 83 E13
Adirondack Mountains New York, USA 8 H4
Ādis Ābeba *see* **Addis Ababa**
Adiyaman *Town* Turkey 76 H6
Adrar *Town* Algeria 36 G6
Aegean Sea Greece 67 F9
Afghanistan *Country* 84 H7
Afmadow *Town* Somalia 39 G11
Afyon *Town* Turkey 76 E5
Agadez *Town* Niger 41 L4
Agadir *Town* Morocco 36 E5
Agen *Town* France 55 D10
Agialouša *Town* Cyprus 80 B7
Agra *Town* India 87 I3
Agri *Town* Turkey 77 K4
Agrigento *Town* Sicily, Italy 61 E13
Agropoli *Town* Italy 61 F10
Aguachica *Town* Colombia 26 C5
Agua Prieta *Town* Mexico 18 F3
Aguascalientes *Town* Mexico 19 I7
Aguaytia *Town* Peru 27 B10
Aguilas *Town* Spain 59 J8
Aguililla *Town* Mexico 19 I8
Ahaggar *Mountain range* Algeria 37 I7
Ahlen *Town* Germany 56 C7
Ahmadābād *Town* India 86 G4
Ahuachapán *Town* El Salvador 20 E5
Ahvāz *Town* Iran 82 E7
Aiken *Town* South Carolina, USA 11 J4
Ailigandí *Town* Panama 21 N7
'Ain Ben Tili *Town* Mauritania 40 G2
Aiquile *Town* Bolivia 27 E12
Air, Massif de l' *Mountain range* Niger 41 L4
Aix-en-Provence *Town* France 55 G11
Aizu *Town* Japan 93 G9
Ajaccio *Town* France 55 I13
Ajo *Town* Arizona, USA 16 E5
Akchār *Desert* Mauritania 40 E3
Akhalts'ikhe *Town* Georgia 77 K3
Akhisar *Town* Turkey 76 C5
Akhtubinsk *Town* Russian Federation 73 D11
Akita *Town* Japan 92 F8
Akjoujt *Town* Mauritania 40 E3
Akkeshi *Town* Japan 92 H5
Akron *Town* Ohio, USA 13 M6
Akrotirion *Town* Cyprus 80 A8
Aksai Chin *Administrative region* China 88 D6
Aksaray *Town* Turkey 76 F5
Akşehir *Town* Turkey 76 E5
Aktau *Town* Kazakhstan 78 D6
Aktobe *Town* Kazakhstan 78 E6
Aktsyabrski *Town* Belarus 71 F11
Akula *Town* Democratic Republic of Congo 43 F9
Akune *Town* Japan 93 B14
Alabama *State* USA 10 G5
Alabama River Alabama, USA 10 G6
Al 'Amārah *Town* Iraq 82 D7
Alamo *Town* Nevada, USA 14 H7
Alamogordo *Town* New Mexico, USA 16 H5
Åland *Island group* Finland 49 F9
Alanya *Town* Turkey 76 E7
Al 'Aqabah *Town* Jordan 81 D14
Alaşehir *Town* Turkey 76 D5
Alaska *Province* Canada 4 E5
Alaska, Gulf of Alaska, USA 4 E6
Alaska Range *Mountain Range* Alaska, USA 4 E5
Albacete *Town* Spain 59 J6
Alba Iulia *Town* Romania 68 E6
Albania *Country* 65 F12
Albany *River* Ontario, Canada 6 F5
Albany *Town* Western Australia, Australia 104 E7
Albany *Town* Georgia, USA 10 H6
Albany *Town* New York, USA 9 I5
Al Bāridah *Town* Syria 80 F8
Al Başrah *Town* Iraq 82 D7
Alberta *Province* Canada 4 H7
Albert, Lake Democratic Republic of Congo 43 I9
Albuquerque *Town* New Mexico, USA 16 H4
Alcañiz *Town* Spain 59 K5

Alcoy *Town* Spain 59 K7
Alderney *Island* Channel Islands, UK 51 G13
Aleksin *Town* Russian Federation 73 C9
Alençon *Town* France 54 D7
Alenquer *Town* Brazil 29 I2
Aleppo *Town* Syria 80 E6
Alessandria *Town* Italy 60 C5
Aleutian Islands *Island Group* Alaska, USA 4 B5
Alexander Archipelago *Island* British Colombia, Canada 4 E7
Alexandria *Town* Louisiana, USA 10 E6
Alexandria *Town* Egypt 38 D4
Alexandria *Town* Romania 68 F7
Alexandroupoli *Town* Greece 66 G8
Alga *Town* Kazakhstan 78 E6
Algarve *Region* Spain 58 E8
Algeciras *Town* Spain 58 G9
Alger *see* **Algiers**
Algeria *Country* 36 H5
Al Ghābah *Town* Oman 83 G10
Algiers *Capital* Algeria 36 H3
Algona *Town* Iowa, USA 12 H5
Al H, asakah *Town* Syria 80 H5
Al Ḥillah *Town* Iraq 82 D7
Al Hudaydah *see* **Hodeida**
Al Hufūf *Town* Saudi Arabia 83 E9
Aliartos *Town* Greece 67 E11
Alicante *Town* Spain 59 L7
Alice Springs *Town* Northern Territory, Australia 105 I4
Aliquippa *Town* Pennsylvania, USA 8 E7
Al Ismā'iliya *Town* Egypt 38 E4
Al Jafr *Town* Jordan 81 E13
Al Jaghbūb *Town* Libya 37 N5
Al Jahra' *Town* Kuwait 82 D8
Al Jawf *Town* Saudi Arabia 82 B8
Al Jazīrah *Physical region* Syria/Iraq 80 I5
Al Karak *Town* Jordan 81 E12
Al Khums *Town* Libya 37 K4
Alkmaar *Town* Netherlands 52 E7
Al Kufrah *Town* Libya 37 N7
Al Kūt *Town* Iraq 82 D7
Al Kuwayt *see* **Kuwait**
Allahābād *Town* India 87 I4
Allegheny Plateau Pennsylvania/New York, USA 8 F6
Allentown *Town* Pennsylvania, USA 9 H7
Al Lith *Town* Saudi Arabia 83 B11
Alma-Ata *see* **Almaty**
Al Madinah *see* **Medina**
Al Mafraq *Town* Jordan 81 E10
Al Majma'ah *Town* Saudi Arabia 83 D9
Al Mālikiyah *Town* Syria 80 I4
Al Manāmah *see* **Manama**
Almansa *Town* Spain 59 K7
Al Marj *Town* Libya 37 M4
Almaty *Town* Kazakhstan 78 G8
Al Mawṣil *see* **Mosul**
Al Mayādīn *Town* Syria 80 H6
Almelo *Town* Netherlands 52 G8
Almere *Town* Netherlands 52 F8
Almeria *Town* Spain 59 J8
Al'met'yevsk *Town* Russian Federation 73 F9
Al Minyā *Town* Egypt 38 D4
Almirante *Town* Panama 21 K8
Al Mukallā *Town* Yemen 83 E13
Alofi *Capital* Niue 103 K7
Alotip *Town* Indonesia 97 N8
Alpena *Town* Michigan, USA 13 L4
Alpine *Town* Texas, USA 17 I7
Alps *Mountain range* Central Europe 57 D12
Al Qāmishli *Town* Syria 80 I4
Al Qunaytirah *Town* Syria 81 D9
Altai Mountains *Mountain range* Mongolia/Russian Federation 88 F4
Altamaha River Georgia, USA 11 I5
Altamira *Town* Brazil 29 J2
Altamura *Town* Italy 61 H10
Altar, Desierto de *Desert* Mexico 18 D2
Altay *Town* China 88 F3
Altay *Town* Mongolia 88 H3
Altın Köprü *Town* Iraq 82 C6
Altiplano *Physical region* Bolivia 27 E13
Altoona *Town* Pennsylvania, USA 9 F7
Altun Ha *Ancient site* Belize 20 F2
Altun Shan *Mountain range* China 88 G5

Al 'Umari *Town* Jordan 81 F11
Al 'Uwaynāt *Town* Libya 37 J6
Alupka *Town* Ukraine 69 K7
Alva *Town* Oklahoma, USA 17 L3
Al Wajh *Town* Saudi Arabia 83 A9
Alwar *Town* India 86 H3
Al Wari'ah *Town* Saudi Arabia 82 D8
Alytus *Town* Lithuania 70 D8
Amamapare *Town* Indonesia 97 N7
Amantea *Town* Italy 61 G12
Amarapura *Town* Myanmar 94 B6
Amarillo *Town* Texas, USA 17 J4
Amazon River Brazil 29 J2
Amazon Basin Brazil 28 G3
Ambanja *Town* Madagascar 45 M4
Ambarchik *Town* Russian Federation 78 L3
Ambato *Town* Ecuador 26 A8
Amboasary *Town* Madagascar 45 L7
Ambon *Town* Indonesia 97 K7
American Samoa *Dependent territory* USA, Pacific Ocean 103 K6
Amersfoort *Town* Netherlands 52 F8
Amfilochia *Town* Greece 67 C10
Amherst *Town* Nova Scotia, Canada 7 K7
Amiens *Town* France 54 E6
Amman *Capital* Jordan 81 E11
'Ammān *see* **Amman**
Ammóchostos *Town* Cyprus 80 B8
Āmol *Town* Iran 82 F5
Amos *Town* Québec, Canada 6 H6
Amritsar *Town* India 86 H2
Amstelveen *Town* Netherlands 52 F8
Amsterdam *Capital* Netherlands 52 E8
Am Timan *Town* Chad 42 F6
Amundsen Gulf Canada 4 H4
Amundsen-Scott *Research station* Antarctica 110 E6
Amundsen Sea Southern Ocean 110 B7
Amuntai *Town* Indonesia 96 H7
Amur River China 89 L2
Amyderýa *River* Uzbekistan 84 G4
Anadyr' *Town* Russian Federation 78 M2
Anamur *Town* Turkey 76 F7
Anápolis *Town* Brazil 29 K5
Anatolia *Plateau* Turkey 76 E6
Anchorage *Town* Alaska, Canada 4 E5
Ancona *Town* Italy 60 F7
Andalucía *Region* Spain 58 H8
Andaman Islands *Island group* India 87 M8
Andaman Sea Indian Ocean 87 M8
Anderson *Town* Indiana, USA 13 K6
Andes *Mountain range* South America 26–27, 30–31
Andijon *Town* Uzbekistan 85 K4
Andkhvoy *Town* Afghanistan 84 H5
Andorra *Country* 55 D12
Andorra la Vella *Capital* Andorra 55 D12
Andreanof Islands *Island Group* Alaska, USA 4 A4
Andrews *Town* Texas, USA 17 J5
Andria *Town* Italy 61 H10
Andros *Island* Bahamas 22 F2
Andros *Town* Bahamas 22 F2
Angarsk *Town* Russian Federation 79 I7
Angeles *Town* Philippines 97 I2
Angel Falls *Waterfall* Venezuela 26 F6
Ängermanälven *River* Sweden 48 E7
Angers *Town* France 54 C7
Angkor Wat *Ancient site* Cambodia 95 F10
Anglesey *Island* Wales, UK 51 E9
Angola *Country* 44 E3
Angola Basin *Undersea feature* Atlantic Ocean 33 M6
Angoulême *Town* France 55 D9
Angren *Town* Uzbekistan 85 J3
Anguilla *Dependent territory* UK, Atlantic Ocean 23 N5
Anhui *Administrative region* China 91 J5
Ankara *Capital* Turkey 76 F4
Annaba *Town* Algeria 37 I3
An Nafūd *Desert* Saudi Arabia 82 B8
'Annah *Town* Iraq 82 C6
An Najaf *Town* Iraq 82 C7
Annamitique, Chaîne *Mountain range* Laos 94 F8
Annapolis *Town* Maryland, USA 8 G8
Ann Arbor *Town* Michigan, USA 13 L5

An Nāşirīyah *Town* Iraq 82 D7
Annecy *Town* France 55 G9
Anniston *Town* Alabama, USA 10 H4
Anqing *Town* China 91 J6
Anshan *Town* China 91 L2
Anshun *Town* China 90 G7
Antakya *Town* Turkey 76 H7
Antalya *Town* Turkey 76 E6
Antananarivo *Capital* Madagascar 45 M5
Antarctica 110
Antarctic Peninsula Antarctica 110 B4
Antibes *Town* France 55 H11
Anticosti, Île d' *Island* Québec, Canada 7 K5
Antigua *Island* Antigua & Barbuda 23 N6
Antigua & Barbuda *Country* 23 N5
Anti-Lebanon *Mountain range* Syria 81 E9
Antofagasta *Town* Chile 30 D5
Antony *Town* France 54 E7
Antsiranana *Town* Madagascar 45 M3
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Aranda de Duero *Town* Spain 59 I4
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Asahikawa *Town* Japan 92 G5
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Ashkelon *Town* Israel 81 C11
Ashmyany *Town* Belarus 70 E8
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Ash Shāriqah *Town* United Arab Emirates 83 G9
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Avellino *Town* Italy 61 F10
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Ayuthaya *Town* Thailand 95 D10
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Azul *Town* Argentina 31 G9
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B

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Bago *Town* Myanmar 94 B8
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Baguio *Town* Philippines 97 I2
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Bakersfield *Town* California, USA 14 G7
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Bamako *Capital* Mali 40 G6
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Bamberg *Town* Germany 56 E8
Bamenda *Town* Cameroon 42 C8
Banda Aceh *Town* Indonesia 96 C4
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Bandar-e Būshehr *Town* Iran 82 E8
Bandar-e Khamir *Town* Iran 82 G8
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Bandar Seri Begawan *Capital* Brunei 96 H5
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Bandirma *Town* Turkey 76 C4
Bandundu *Town* Democratic Republic of Congo 43 E11
Bandung *Town* Indonesia 96 F8
Bangalore *Town* India 86 H7
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Bangkok *Capital* Thailand 95 D10
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Bangor *Town* Wales, UK 51 E9
Bangui *Capital* Central African Republic 42 E8
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Banjarmasin *Town* Indonesia 96 H7
Banjul *Capital* Gambia 40 E5
Banks Peninsula New Zealand 107 E11
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Barnaul *Town* Russian Federation 78 H6
Barnstaple *Town* England, UK 51 E11
Baron'ki *Town* Belarus 71 H11
Barquisimeto *Town* Venezuela 26 D5
Barrancabermeja *Town* Colombia 26 C5
Barranquilla *Town* Colombia 26 B4
Barreiras *Town* Brazil 29 L4
Barreiro *Town* Portugal 58 E7
Barrow-in-Furness *Town* England, UK 50 F8
Barstow *Town* California, USA 14 H8
Bartlesville *Town* Oklahoma, USA 17 M3
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Barysaw *Town* Belarus 71 F9
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Bedford *Town* Pennsylvania, USA 8 F8
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Beijing *Capital* China 91 J3
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Beira *Town* Mozambique 45 J5
Beirut *Capital* Lebanon 81 D9
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Bekobod *Town* Uzbekistan 85 J4
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Belchatów *Town* Poland 62 E7
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Bellville *Town* South Africa 44 F9
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Bent Jbail *Town* Lebanon 81 D10
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Betafo *Town* Madagascar 45 M5
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Biel *Town* Switzerland 57 C11
Bielefeld *Town* Germany 56 D6
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Bijelo Polje *Town* Montenegro 65 F9
Bikāner *Town* India 86 G3
Bikin *Town* Russian Federation 78 M7
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Binzhou *Town* China 91 K4
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Birao *Town* Central African Republic 42 G7
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Birkenfeld *Town* Germany 57 C9
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Birmingham *Town* England, UK 50 G10
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Bitonto *Town* Italy 61 H10
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Bloomington *Town* Minnesota, USA 13 K7
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Bochum *Town* Germany 56 C7
Bodaybo *Town* Russian Federation 78 J6
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Bologna *Town* Italy 60 E6
Bolton *Town* England, UK 51 F9
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Borås *Town* Sweden 49 D11
Bordeaux *Town* France 55 D10
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Borgholm *Town* Sweden 49 E11
Borisoglebsk *Town* Russian Federation 73 D10
Borneo *Island* Indonesia 96 G6
Bornholm *Island* Denmark 49 D13
Borovan *Town* Bulgaria 66 E5
Borovichi *Town* Russian Federation 72 C7
Boryslav *Town* Ukraine 68 E3
Bose *Town* China 90 H8
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Boujdour *Town* Western Sahara 36 C6
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Boulogne-sur-Mer *Town* France 54 E5
Boundiali *Town* Côte d'Ivoire 40 H7
Bourges *Town* France 54 E8
Bourke *Town* New South Wales, Australia 105 L6
Bournemouth *Town* England, UK 51 G12
Bouvet Island *Dependent territory* Norway, Atlantic Ocean 33 L8
Boysun *Town* Uzbekistan 85 I5
Bozeman *Town* Montana, USA 15 J3
Bradford *Town* England, UK 50 G8
Brahmapur *Town* India 87 K5
Brahmaputra River *Asia* 87 L3
Brăila *Town* Romania 68 G7
Brampton *Town* Ontario, Canada 6 G8
Brandenburg *Town* Germany 56 F6
Brasilia *Capital* Brazil 29 K5
Brașov *Town* Romania 68 F6
Bratislava *Capital* Slovakia 63 D10
Bratsk *Town* Russian Federation 79 I6
Braunschweig *Town* Germany 56 E6
Brava, Costa *Coastal region* Spain 59 N4
Brawley *Town* California, USA 14 H8
Brazil *Country* 28 G4
Brazzaville *Capital* Congo 43 D11
Brecon Beacons *Hills* Wales, UK 51 F10
Breda *Town* Netherlands 53 E9
Bregovo *Town* Bulgaria 66 D5
Bremen *Town* Germany 56 D5

Bremerhaven *Town* Germany 56 D5
Brenner Pass Italy/Austria 60 E4
Brescia *Town* Italy 60 D5
Brest *Town* Belarus 71 B10
Brest *Town* France 54 A6
Brezovo *Town* Bulgaria 66 F6
Bria *Town* Central African Republic 42 F8
Briançon *Town* France 55 G10
Bridgeport *Town* Connecticut, USA 9 I6
Bridgetown *Capital* Barbados 23 P7
Bridlington *Town* England, UK 50 H8
Brig *Town* Switzerland 57 C12
Brighton *Town* England, UK 51 H11
Brindisi *Town* Italy 61 I10
Brisbane *Town* Queensland, Australia 105 M6
Bristol *Town* England, UK 51 F11
Bristol Channel Wales/England, UK 51 E11
British Columbia *Province* Canada 4 G7
British Indian Ocean Territory *Dependent territory* UK, Atlantic Ocean 99 J5
British Virgin Islands *Dependent territory* UK, Atlantic Ocean 23 M5
Brittany *Region* France 54 B6
Brive-la-Gaillarde *Town* France 55 D10
Brno *Town* Czech Republic 63 D9
Broken Arrow *Town* Oklahoma, USA 17 M3
Brookhaven *Town* Mississippi, USA 10 F6
Brooks Range *Mountain Range* Alaska, USA 4 F4
Broome *Town* Western Australia, Australia 104 F3
Brownfield *Town* Texas, USA 17 J5
Brownwood *Town* Texas, USA 17 L6
Brownsville *Town* Texas, USA 17 M9
Bruges *Town* Belgium 53 C10
Brugge *see* Bruges
Brunei *Country* 96 H5
Brussel *see* Brussels
Brussels *Capital* Belgium 53 D11
Bruxelles *see* Brussels
Bryan *Town* Texas, USA 17 M6
Bryansk *Town* Russian Federation 73 B9
Bucaramanga *Town* Colombia 26 C5
Bucharest *Capital* Romania 68 F7
București *see* Bucharest
Budapest *Capital* Hungary 63 E11
Buenaventura *Town* Colombia 26 B6
Buena Vista *Town* Bolivia 27 E12
Buenos Aires *Capital* Argentina 30 G8
Buffalo *Town* New York, USA 8 F5
Buffalo *Town* South Dakota, USA 12 E3
Bug River Poland 62 G6
Buguruslan *Town* Russian Federation 73 F10
Buḥayrat al Asad *see* Lake Assad
Bujanovac *Town* Serbia 65 G10
Bujumbura *Capital* Burundi 39 D12
Bukavu *Town* Democratic Republic of Congo 43 H10
Bukoba *Town* Tanzania 39 E11
Bulawayo *Town* Zimbabwe 44 H5
Bulgaria *Country* 66 F6
Bumba *Town* Democratic Republic of Congo 43 G9
Bungo-suidō *Strait* Japan 93 D13
Bünyan *Town* Turkey 76 G5
Buraydah *Town* Saudi Arabia 83 C9
Burdur *Town* Turkey 76 D6
Burgas *Town* Bulgaria 66 H6
Burgos *Town* Spain 59 I3
Burgundy *Region* France 54 F8
Buriram *Town* Thailand 95 E9
Burketown *Town* Queensland, Australia 105 J3
Burkina Faso *Country* 41 I6
Burlington *Town* New York, USA 9 I4
Burma *see* Myanmar
Burns *Town* Oregon, USA 14 G4
Burnsville *Town* Minnesota, USA 12 H4
Bursa *Town* Turkey 76 D4
Burundi *Country* 39 D12
Buta *Town* Democratic Republic of Congo 43 G9
Butterworth *Town* Malaysia 96 D4
Butuan *Town* Philippines 97 K4
Buxoro *Town* Uzbekistan 84 H4
Buynaksk *Town* Russian Federation 73 D14

Büyükağrı Dağı *see* Ararat, Mount
Buzău *Town* Romania 68 G7
Buzuluk *Town* Russian Federation 73 F10
Byahoml' *Town* Belarus 71 F9
Byalynichy *Town* Belarus 71 G10
Bydgoszcz *Town* Poland 62 E6
Byelaruskaya Hrada *Ridge* Belarus 71 D9
Bytom *Town* Poland 62 E8
Bytča *Town* Slovakia 63 E9

C
Cabanatuan *Town* Philippines 97 J2
Cabimas *Town* Venezuela 26 D5
Cabinda *Town* Angola 44 D1
Cabinda *Province* Angola 44 D1
Caborca *Town* Mexico 18 E3
Cabot Strait Canada 7 L6
Cáceres *Town* Spain 58 G6
Cachimbo *Town* Brazil 29 I4
Cachimbo, Serra do *Mountain range* Brazil 29 I4
Cadiz *Town* Philippines 97 J3
Cádiz *Town* Spain 58 G9
Cadiz, Gulf of Spain 58 F8
Caen *Town* France 54 D6
Cagayan de Oro *Town* Philippines 97 K4
Cagliari *Town* Sardinia, Italy 61 B11
Caguas *Town* Puerto Rico 23 L5
Caicos Passage *Strait* Bahamas 23 I3
Cairns *Town* Queensland, Australia 105 L3
Cairo *Capital* Egypt 38 E4
Cajamarca *Town* Peru 27 B9
Čakovec *Town* Croatia 64 D5
Calabar *Town* Nigeria 41 L8
Calafat *Town* Romania 68 E7
Calais *Town* France 54 E5
Calais *Town* Maine, USA 9 L2
Calama *Town* Chile 30 D4
Călărași *Town* Romania 68 G7
Calatayud *Town* Spain 59 J4
Calbayog *Town* Philippines 97 J3
Calcutta *see* Kolkata
Calgary *Town* Alberta, Canada 4 H8
Cali *Town* Colombia 26 B6
Calicut *Town* India 86 H8 *see also* Kozhikode
California *State* USA 14 H7
California, Gulf of Mexico 18 E4
Callao *Town* Peru 27 B11
Caltanissetta *Town* Sicily, Italy 61 E13
Caluula *Town* Somalia 38 I8
Camacupa *Town* Angola 44 E3
Camagüey *Town* Cuba 22 F4
Camaná *Town* Peru 27 C12
Ca Mau *Town* Vietnam 95 F12
Cambodia *Country* 95 F10
Cambrai *Town* France 54 F5
Cambrian Mountains Wales, UK 51 F10
Cambridge *Town* England, UK 51 H10
Cambridge *Town* Maryland, USA 8 H9
Cambridge *Town* Ohio, USA 13 M6
Cambridge Bay *Town* Nunavut, Canada 5 I5
Camden *Town* Maine, USA 9 K4
Cameroon *Country* 42 C8
Camopi *Town* French Guiana 26 I7
Campeche *Town* Mexico 19 N7
Campeche, Bay of Mexico 19 M7
Câm Pha *Town* Vietnam 94 G6
Câmpina *Town* Romania 68 F7
Campina Grande *Town* Brazil 29 N4
Campinas *Town* Brazil 29 K7
Campobasso *Town* Italy 61 F9
Campo Grande *Town* Brazil 29 I6
Campos *Town* Brazil 29 L7
Câmpulung *Town* Romania 68 E6
Cam Ranh *Town* Vietnam 95 H11
Çanakkale *Town* Turkey 76 C4
Çanakkale Boğazi *see* Dardanelles
Canada *Country* 4 G8
Canary Islands *Island group* Spain, Atlantic Ocean 33 K3
Canaveral, Cape *Coastal feature* Florida, USA 11 J7
Canavieiras *Town* Brazil 29 M5
Canberra *Capital* Australia 105 L8

Cancún *Town* Mexico 19 P6
Cangzhou *Town* China 91 J3
Caniapiscau, Réservoir de *Reservoir* Québec, Canada 7 I4
Çankiri *Town* Turkey 76 F4
Cannanore *Town* India 86 H8 *see also* Kannur
Cannes *Town* France 55 H12
Canoas *Town* Brazil 29 J8
Canon City *Town* Colorado, USA 15 K6
Cantábrica, Cordillera *Mountain range* Spain 58 G3
Canterbury *Town* England, UK 51 I11
Cân Thơ *Town* Vietnam 95 G12
Canton *Town* Ohio, USA 13 M6
Canyon *Town* Texas, USA 17 J4
Cape Basin *Undersea feature* Atlantic Ocean 33 M7
Cape Breton Island Nova Scotia, Canada 7 L7
Cape Charles *Town* Virginia, USA 11 L2
Cape Coast *Town* Ghana 41 I8
Cape Horn *Coastal feature* Chile 31 E15
Cape Town *Capital* South Africa 44 F9
Cape Verde *Country* 33 K4
Cape Verde Basin *Undersea feature* Atlantic Ocean 33 J4
Cape York Peninsula Queensland, Australia 105 K2
Cap-Haïtien *Town* Haiti 23 I5
Capitán Arturo Prat *Research station* Antarctica 110 B4
Caprivi Strip *Physical region* Namibia 44 G4
Caracarai *Town* Brazil 28 H1
Caracas *Capital* Venezuela 26 E4
Caravelas *Town* Brazil 29 M6
Carbonia *Town* Sardinia, Italy 61 B11
Cárdenas *Town* Cuba 22 E3
Cardiff *Town* Wales, UK 51 F11
Carei *Town* Romania 68 E5
Caribbean Sea Atlantic Ocean 32 H4
Carlisle *Town* England, UK 50 F7
Carlisle *Town* Pennsylvania, USA 8 G7
Carlow *Town* Ireland 51 D9
Carlsbad *Town* New Mexico, USA 17 I5
Carmarthen *Town* Wales, UK 51 E10
Carmelita *Town* Guatemala 20 E2
Carmen *Town* Mexico 19 N7
Carnarvon *Town* Western Australia, Australia 104 D5
Carolina *Town* Brazil 29 K3
Caroline Islands *Island group* Micronesia 102 F3
Carpathian Mountains *Mountain range* Poland/Slovakia/Romania 68 F5
Carpentaria, Gulf of Australia 105 J2
Carpi *Town* Italy 60 D6
Carrara *Town* Italy 60 D6
Carson City *Town* Nevada, USA 14 G6
Cartagena *Town* Colombia 26 B5
Cartagena *Town* Spain 59 K8
Carthage *Ancient site* Tunisia 37 J3
Cartwright *Town* Newfoundland & Labrador, Canada 7 L4
Carúpano *Town* Venezuela 26 F4
Caruthersville *Town* Missouri, USA 13 J8
Cary *Town* North Carolina, USA 11 K3
Casablanca *Town* Morocco 36 E4
Cascade Range *Mountain Range* Oregon/Washington, USA 14 F4
Caserta *Town* Italy 61 F10
Casey *Research station* Antarctica 110 G7
Casper *Town* Wyoming, USA 15 K4
Caspian Depression *Lowland* Russian Federation 73 D12
Caspian Sea Asia 73 D13
Casteggio *Town* Italy 60 C5
Castellón de la Plana *Town* Spain 59 K5
Castelvetrano *Town* Sicily, Italy 61 D13
Castlebar *Town* Ireland 50 B8
Castricum *Town* Netherlands 52 E7
Castries *Capital* St. Lucia 23 O7
Castrovillari *Town* Italy 61 G11
Catacamas *Town* Honduras 20 H4
Catalonia *Region* Spain 59 L4
Cataluña *see* Catalonia
Catania *Town* Sicily, Italy 61 G13
Catanzaro *Town* Italy 61 H12

Catskill Mountains New York, USA 8 H5
Caucasia *Town* Colombia 26 B5
Caucasus *Mountain range* Asia/Europe 77 J2
Caviana de Fora, Ilha *Island* Brazil 29 K2
Cayenne *Capital* French Guiana 26 I6
Cayes *Town* Haiti 22 H5
Cayman Islands *Dependent territory* UK, Atlantic Ocean 22 E5
Cebu *Town* Philippines 97 J3
Cecina *Town* Italy 60 D7
Cedar City *Town* Utah, USA 15 I6
Cedar Falls *Town* Iowa, USA 12 H5
Cedar Rapids *Town* Iowa, USA 13 I5
Cefalù *Town* Sicily, Italy 61 E12
Celebes *Island* Indonesia 97 J7
Celebes Sea Pacific Ocean 97 I5
Celje *Town* Slovenia 57 H12
Celldömölk *Town* Hungary 63 D11
Celle *Town* Germany 56 E6
Celtic Sea Atlantic Ocean 51 C11
Cenderawasih, Teluk *Bay* Indonesia 97 M6
Central African Republic *Country* 42 G8
Central, Cordillera *Mountain range* Colombia 26 B7
Central, Cordillera *Mountain range* Dominican Republic 23 J5
Central, Cordillera *Mountain range* Panama 21 K8
Central Pacific Basin *Undersea feature* Pacific Ocean 109 J5
Central, Planalto *Physical region* Brazil 29 K5
Central Range *Mountain range* Papua New Guinea 102 E5
Central Siberian Uplands *Plateau* Russian Federation 79 I5
Central, Sistema *Mountain range* Spain 58 H5
Central Valley California, USA 14 G5
Ceram *Sea* Pacific Ocean 97 K7
Cerignola *Town* Italy 61 G10
Cerro de Pasco *Town* Peru 27 B10
Cesena *Town* Italy 60 E6
České Budějovice *Town* Czech Republic 63 B9
Český Krumlov *Town* Czech Republic 63 B10
Ceuta *Town* Spain 58 H9
Cévennes *Mountain range* France 55 F11
Ceyhan *Town* Turkey 76 G6
Ceylanpinar *Town* Turkey 77 J6
Chachapoyas *Town* Peru 27 B9
Chad *Country* 42 E5
Chad, Lake Chad 42 D5
Chāgai Hills *Mountain range* Pakistan 86 E2
Chaillu, Massif du *Mountain range* Gabon 43 C10
Chakhānsūr *Town* Afghanistan 84 G8
Chalatenango *Town* El Salvador 20 F4
Chalkidiki *Peninsula* Greece 67 E9
Challans *Town* France 54 C8
Challenger Deep *Undersea feature* Pacific Ocean 108 H4
Châlons-en-Champagne *Town* France 54 G6
Chalon-sur-Saône *Town* France 54 G8
Chaman *Town* Pakistan 86 F2
Chambéry *Town* France 55 G10
Champagne *Region* France 54 F7
Champaign *Town* Illinois, USA 13 J6
Champlain, Lake New York, USA 9 I4
Champotón *Town* Mexico 19 N7
Chañaral *Town* Chile 30 C5
Chandigarh *Town* India 86 H2
Chandrapur *Town* India 87 I5
Changchun *Town* China 89 M3
Changde *Town* China 91 I6
Chang Jiang *see* Yangtze
Changsha *Town* China 91 I6
Changzhi *Town* China 91 I4
Channel Islands *Dependent territory* UK 51 G13
Channel Tunnel UK/France 51 I11
Chantada *Town* Spain 58 F3
Chanthaburi *Town* Thailand 95 E10
Chaoyang *Town* China 91 K2
Chaozhou *Town* China 91 J8
Chapayevsk *Town* Russian Federation 73 E10
Chārikār *Town* Afghanistan 85 J6
Charity *Town* Guyana 26 G5
Charleroi *Town* Belgium 53 E12

- Charlesbourg** *Town* Québec, Canada 7 I7
Charleston *Town* West Virginia, USA 11 I2
Charleston *Town* South Carolina, USA 11 J5
Charleville-Mézières *Town* France 54 G6
Charlotte *Town* North Carolina, USA 11 J4
Charlotte Amalie *Capital* Virgin Islands 23 M5
Charlottetown *Town* Prince Edward Island, Canada 7 L6
Charters Towers *Town* Queensland, Australia 105 L3
Châteaubriant *Town* France 54 D7
Châteauroux *Town* France 54 E8
Châtellerault *Town* France 54 D8
Chatham Islands *Island group* New Zealand 109 J8
Chattahoochee River Alabama/Georgia, USA 10 H5
Chattanooga *Town* Tennessee, USA 10 H4
Chatyr-Tash *Town* Kyrgyzstan 85 M4
Châu Đốc *Town* Cambodia 95 F11
Chauk *Town* Myanmar 94 B7
Chaykovskiy *Town* Russian Federation 73 F9
Cheb *Town* Czech Republic 62 A8
Cheboksary *Town* Russian Federation 73 E9
Czech, Erg *Desert* Algeria 36 F7
Chefchaouen *Town* Morocco 36 F4
Cheju Strait South Korea 91 M4
Chelkar *Town* Kazakhstan 78 E6
Chelm *Town* Poland 62 H7
Chelsea *Town* Vermont, USA 9 J4
Cheltenham *Town* England, UK 51 G10
Chelyabinsk *Town* Russian Federation 78 F5
Chemnitz *Town* Germany 56 F7
Chengde *Town* China 91 J2
Chengdu *Town* China 90 G6
Chennai *Town* India 87 I7
Chenzhou *Town* China 91 I7
Chepelare *Town* Bulgaria 66 F7
Cherepovets *Town* Russian Federation 72 D7
Cherkasy *Town* Ukraine 69 J4
Cherkessk *Town* Russian Federation 73 C11
Chernihiv *Town* Ukraine 69 I2
Chernivtsi *Town* Ukraine 68 G4
Chernyakhovsk *Town* Kaliningrad 70 C7
Cherry Hill *Town* New Jersey, USA 8 H8
Cherskiy *Town* Russian Federation 78 L3
Cherskogo, Khrebet *Mountain range* Russian Federation 79 K4
Cherykaw *Town* Belarus 71 G11
Chesapeake Bay *Coastal feature* USA 8 G9
Chester *Town* England, UK 51 F9
Chetumal *Town* Mexico 19 O7
Cheviot Hills Scotland, UK 50 F7
Cheyenne *Town* Wyoming, USA 15 L5
Chhapra *Town* India 87 J3
Chiai *Town* Taiwan 91 L8
Chiang Mai *Town* Thailand 94 D8
Chiang Rai *Town* Thailand 94 D7
Chiba *Town* Japan 93 G10
Chibougamau *Town* Québec, Canada 6 H6
Chicago *Town* Illinois, USA 13 J6
Chichén-Itzá *Ancient site* Mexico 19 O6
Chickasha *Town* Oklahoma, USA 17 L4
Chiclayo *Town* Peru 27 A9
Chicoutimi *Town* Québec, Canada 7 I6
Chieti *Town* Italy 60 F8
Chifeng *Town* China 89 L4
Chihuahua *Town* Mexico 18 G4
Childress *Town* Texas, USA 17 K4
Chile *Country* 30 D6
Chillán *Town* Chile 31 C9
Chilpancingo *Town* Mexico 19 K8
Chilung *Town* Taiwan 91 L7
Chimán *Town* Panama 21 N8
Chimbote *Town* Peru 27 B10
Chimoio *Town* Mozambique 45 I5
China *Country* 88 H6/91 J6
Chinandega *Town* Nicaragua 20 G5
Chingola *Town* Zambia 44 H3
Chin Hills *Mountain range* Myanmar 94 A6
Chinju *Town* South Korea 91 M4
Chioggia *Town* Italy 60 E5
Chíos *Town* Greece 67 G11
Chipata *Town* Zambia 45 I3
Chiquián *Town* Peru 27 B10
Chirāla *Town* India 87 I7
Chirchiq *Town* Uzbekistan 85 J3
Chirripó Grande, Cerro *Mountain* Costa Rica 21 J8
Chişinău *Capital* Moldova 68 H6
Chita *Town* Russian Federation 79 J7
Chitato *Town* Angola 44 F2
Chitose *Town* Japan 92 F5
Chittagong *Town* Bangladesh 87 L4
Chitungwiza *Town* Zimbabwe 45 I5
Chlef *Town* Algeria 36 H3
Choele Choele *Town* Argentina 31 E10
Ch'ok'è *Mountain range* Ethiopia 38 F8
Cholet *Town* France 54 D8
Choluteca *Town* Honduras 20 G5
Chomutov *Town* Czech Republic 62 B8
Chon Buri *Town* Thailand 95 D10
Ch'ongjin *Town* North Korea 91 M2
Chôngju *Town* North Korea 91 L3
Chongqing *Town* China 90 H6
Chônju *Town* South Korea 91 M4
Chóra Sfakíon *Town* Greece 67 E14
Chornomors'ke *Town* Ukraine 69 J7
Chorzów *Town* Poland 62 E8
Chōshi *Town* Japan 93 H10
Choûm *Town* Mauritania 40 F3
Choybalsan *Town* Mongolia 89 K3
Christchurch *Town* New Zealand 107 E11
Christmas Island *Dependent territory* Australia, Indian Ocean 99 L5
Chukchi Sea Arctic Ocean 111 M3
Chula Vista *Town* California, USA 14 G9
Chulucanas *Town* Peru 27 B9
Ch'unch'ôn *Town* South Korea 91 M3
Churchill *Town* Manitoba, Canada 5 J7
Chusovoy *Town* Russian Federation 72 G8
Chuy *Town* Uruguay 30 H8
Ciechanów *Town* Poland 62 F6
Ciego de Ávila *Town* Cuba 22 F4
Cienfuegos *Town* Cuba 22 E3
Gilacap *Town* Indonesia 96 F8
Cincinnati *Town* Ohio, USA 13 L7
Cirebon *Town* Indonesia 96 F7
Ciro Marino *Town* Italy 61 H12
Citrus Heights *Town* California, USA 14 G6
Ciudad Bolívar *Town* Venezuela 26 F5
Ciudad Camargo *Town* Mexico 18 H4
Ciudad del Este *Town* Paraguay 30 H5
Ciudad Guayana *Town* Venezuela 26 F5
Ciudad Guzmán *Town* Mexico 19 I8
Ciudad Hidalgo *Town* Mexico 19 N9
Ciudad Juárez *Town* Mexico 18 G2
Ciudad Lerdo *Town* Mexico 19 I5
Ciudad Madero *Town* Mexico 19 K6
Ciudad Mante *Town* Mexico 19 K6
Ciudad Obregón *Town* Mexico 18 F5
Ciudad Ojeda *Town* Colombia 26 C5
Ciudad Real *Town* Spain 59 I6
Ciudad-Rodrigo *Town* Spain 58 G5
Ciudad Valles *Town* Mexico 19 K6
Ciudad Victoria *Town* Mexico 19 K6
Civitanova Marche *Town* Italy 60 F7
Civitavecchia *Town* Italy 60 D8
Clarence Town *Town* Bahamas 22 H3
Clarksburg *Town* West Virginia, USA 11 J1
Clarksville *Town* Tennessee, USA 10 G3
Clearwater *Town* Florida, USA 11 I7
Clermont-Ferrand *Town* France 55 E9
Cleveland *Town* Ohio, USA 13 M6
Clinton *Town* Mississippi, USA 10 F5
Clipperton Island *Dependent territory* France, Pacific Ocean 109 M4
Cloppenburg *Town* Germany 56 C6
Clovis *Town* New Mexico, USA 17 I4
Cluj-Napoca *Town* Romania 68 E5
Clyde River Scotland, UK 50 F6
Coari *Town* Brazil 28 H3
Coast Mountains Alaska/British Colombia 4 F7
Coast Ranges *Mountain Range* California/Oregon, USA 14 F3
Coatzacoalcas *Town* Mexico 19 M8
Cobán *Town* Guatemala 20 E3
Cobija *Town* Bolivia 27 D10
Coburg *Town* Germany 56 E8
Cochabamba *Town* Bolivia 27 E12
Cochin *Town* India 86 H8 *see also* Kochi
Cochrane *Town* Chile 31 C12
Cochrane *Town* Ontario, Canada 6 G6
Cockburn Town *Capital* Turks & Caicos Islands 23 I4
Coconino Plateau Arizona, USA 16 E3
Cocos Islands *Dependent territory* Australia, Indian Ocean 99 K5
Cod, Cape *Coastal feature* Massachusetts, USA 9 K5
Cognac *Town* France 55 D9
Coihaque *Town* Chile 31 C12
Coimbatore *Town* Sri Lanka 86 H8
Coimbra *Town* Portugal 58 E5
Colby *Town* Kansas, USA 12 E7
Colchester *Town* England, UK 51 I10
Colima *Town* Mexico 19 I8
College Station *Town* Texas, USA 17 M6
Colmar *Town* France 54 H7
Cologne *Town* Germany 56 C7
Colombia *Country* 26 C7
Colombo *Capital* Sri Lanka 87 I9
Colón *Town* Panama 21 M7
Colorado State USA 15 K6
Colorado City *Town* Texas, USA 17 K5
Colorado Plateau Arizona, USA 16 F3
Colorado, Río *River* Argentina 31 E9
Colorado River Mexico/USA 15 J6
Colorado Springs *Town* Colorado, USA 15 L6
Columbia *Town* Tennessee, USA 10 H3
Columbia *Town* South Carolina, USA 11 J4
Columbia *Town* Maryland, USA 8 G8
Columbia *Town* Missouri, USA 13 I7
Columbia Plateau Idaho/Oregon, USA 14 H4
Columbia River Oregon/Washington, USA 14 G3
Columbus *Town* Ohio, USA 13 L7
Columbus *Town* Nebraska, USA 12 G6
Columbus *Town* Georgia, USA 10 H5
Comacchio *Town* Italy 60 E6
Comayagua *Town* Honduras 20 G4
Comilla *Town* Bangladesh 87 L4
Comitán *Town* Mexico 19 N9
Como *Town* Italy 60 C4
Comodoro Rivadavia *Town* Argentina 31 E12
Como, Lake Italy 60 D4
Comoros *Country* 45 L3
Conakry *Capital* Guinea 40 E7
Concarneau *Town* France 54 B7
Concepción *Town* Chile 31 C9
Concepción *Town* Paraguay 30 G5
Conchos, Río *River* Mexico 18 H4
Concord *Town* New Hampshire, USA 9 J5
Concordia *Town* Argentina 30 G7
Congo *Country* 43 E9
Congo River Democratic Republic of Congo/Congo 43 G9
Congo Basin *Drainage basin* Central Africa 43 F10
Congo, Democratic Republic of *Country* 43 G10
Connaught *Cultural region* Ireland 50 B8
Connecticut State USA 9 J6
Connecticut River USA 9 J5
Consolación del Sur *Town* Cuba 22 D3
Constanpa *Town* Romania 68 H7
Constantine *Town* Algeria 37 I3
Coober Pedy *Town* South Australia, Australia 105 I6
Cookeville *Town* Tennessee, USA 10 H3
Cook Islands *Dependent territory* New Zealand, Pacific Ocean 103 M7
Cook, Mount *see* Aoraki
Cook Strait New Zealand 107 F9
Cooktown *Town* Queensland, Australia 105 L2
Cooma *Town* New South Wales, Australia 105 L8
Coon Rapids *Town* Minnesota, USA 12 H4
Coos Bay *Town* Oregon, USA 14 F4
Copán *Ancient site* Honduras 20 F4
Copenhagen *Capital* Denmark 49 C12
Copiapó *Town* Chile 30 C6
Coquimbo *Town* Chile 30 C7
Coral Sea Pacific Ocean 102 F6
Coral Sea Islands *Dependent territory* Australia, Coral Sea 102 F7
Corcovado, Golfo *Gulf* Chile 31 C11
Cordele *Town* Georgia, USA 11 I5
Córdoba *Town* Spain 58 H7
Córdoba *Town* Argentina 30 E7
Córdoba *Town* Mexico 19 L8
Corfu *Island* Greece 67 B9
Corfu *Town* Greece 67 B9
Corinth *Town* Mississippi, USA 10 G4
Corinth *Town* Greece 67 D11
Corinth Canal Greece 67 E11
Cork *Town* Ireland 51 B10
Çorlu *Town* Turkey 76 C3
Corner Brook *Town* Québec, Canada 7 L5
Coro *Town* Venezuela 26 D4
Coromandel *Town* New Zealand 106 G5
Corozal *Town* Belize 20 F1
Corpus Christi *Town* Texas, USA 17 M8
Corrientes *Town* Argentina 30 G6
Corse *see* Corsica
Corsica *Island* France 55 I13
Cortés *Town* Costa Rica 21 J8
Cortina d'Ampezzo *Town* Italy 60 F4
Çorum *Town* Turkey 76 G4
Corvallis *Town* Oregon, USA 14 F3
Cosenza *Town* Italy 61 G12
Costa Rica *Country* 21 J7
Côte d'Ivoire *Country* 40 G7
Cotonou *Town* Benin 41 J8
Cotswold Hills England, UK 51 G10
Cottbus *Town* Germany 56 G7
Council Bluffs *Town* Iowa, USA 12 G6
Couvin *Town* Belgium 53 E13
Coventry *Town* England, UK 51 G10
Craiova *Town* Romania 68 E7
Crawley *Town* England, UK 51 H11
Cremona *Town* Italy 60 D5
Crescent City *Town* California, USA 14 F4
Crestview *Town* Florida, USA 10 G6
Crete *Island* Greece 67 F14
Crete, Sea of Greece 67 F13
Créteil *Town* France 54 E6
Crewe *Town* England, UK 51 F9
Crimea Peninsula Ukraine 69 K7
Cristuru Secuiesc *Town* Romania 68 F6
Croatia *Country* 64 C6
Crookston *Town* Minnesota, USA 12 G2
Crotone *Town* Italy 61 H12
Croydon *Town* England, UK 51 H11
Crozet Islands *Island group* Indian Ocean 99 I7
Cuahtémoc *Town* Mexico 18 G4
Cuautila *Town* Mexico 19 K8
Cuba *Country* 22 F4
Cúcuta *Town* Colombia 26 C5
Cuddapah *Town* India 87 I7
Cuenca *Town* Ecuador 26 A8
Cuernavaca *Town* Mexico 19 K8
Cuiabá *Town* Brazil 29 I5
Cuito River Angola 44 F4
Cukai *Town* Malaysia 96 E5
Culiacán *Town* Mexico 18 G6
Cullera *Town* Spain 59 K6
Comaná *Town* Venezuela 26 E5
Cumberland *Town* Maryland, USA 8 F8
Cumberland Plateau Tennessee, USA 10 H3
Cuneo *Town* Italy 60 B6
Curaçao *Dependent territory* Netherlands, Atlantic Ocean 23 K8
Curicó *Town* Chile 30 C8
Curitiba *Town* Brazil 29 K7
Cusco *Town* Peru 27 D11
Cuttack *Town* India 87 K5
Cuxhaven *Town* Germany 56 D5
Cyclades *Island group* Greece 67 F12
Cyprus *Country* 80 A8
Cyrenaica *Cultural region* Libya 37 M4
Czech Republic *Country* 63 C9
Częstochowa *Town* Poland 62 E8
Człuchów *Town* Poland 62 D5

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Dabeiba *Town* Colombia 26 B5
Dagupan *Town* Philippines 97 I2
Dakar *Capital* Senegal 40 D5

Dalain Hob *Town* China 89 I5
Dalandzadgad *Town* Mongolia 89 I4
Da Lat *Town* Vietnam 95 H11
Dalby *Town* Queensland, Australia 105 M5
Dali *Town* China 90 F7
Dalian *Town* China 91 K3
Dallas *Town* Texas, USA 17 M5
Dalmatia *Cultural Region* Croatia 64 C8
Damascus *Capital* Syria 81 E9
Dampier *Town* Western Australia, Australia 104 E4
Dampier, Selat Strait Indonesia 97 L6
Damqawt *Town* Yemen 83 F12
Danakil Desert Ethiopia 38 G8
Đã Nẵng *Town* Vietnam 95 H9
Dandong *Town* China 91 L3
Danube River Germany 57 D10
Danville *Town* Virginia, USA 11 J3
Danzhou *Town* Hainan, China 90 H9
Danzig, Gulf of Poland 62 E4
Dar'a *Town* Syria 81 E10
Dardanelles Strait Turkey 76 B4
Dar es Salaam *Capital* Tanzania 39 G13
Darfur *Cultural region* Sudan 38 C8
Darhan *Town* Mongolia 89 I3
Darien, Gulf of Panama 21 O7
Darjiling *Town* India 87 K3
Darling River New South Wales, Australia 105 K7
Darlington *Town* England, UK 50 F8
Darmstadt *Town* Germany 56 D8
Darnah *Town* Libya 37 M4
Dartmoor *Physical region* England, UK 51 E11
Dartmouth *Town* Nova Scotia, Canada 7 L7
Darwin *Town* Northern Territory, Australia 104 H1
Daşoguz *Town* Turkmenistan 84 F3
Datong *Town* China 91 I3
Daugavpils *Town* Latvia 70 F7
Dāvāngere *Town* India 86 H7
Davao *Town* Philippines 97 K4
Davao Gulf Philippines 97 K4
Davenport *Town* Iowa, USA 13 I6
David *Town* Panama 21 K8
Davis *Research station* Antarctica 110 G5
Dawei *Town* Myanmar 95 C10
Dayr az Zawr *Town* Syria 80 H6
Dayton *Town* Ohio, USA 13 L7
Daytona Beach *Town* Florida, USA 11 J7
Dead Sea Jordan 81 D11
Deán Funes *Town* Argentina 30 E7
Death Valley California, USA 14 H7
Debar *Town* Macedonia 65 F11
Debica *Town* Poland 63 G9
Debrecen *Town* Hungary 63 G11
Decatur *Town* Illinois, USA 13 J7
Deccan Plateau India 87 I5
Děčín *Town* Czech Republic 62 B8
Deggendorf *Town* Germany 57 F9
Deh Bid *see* Şafāshahr
Deh Shū *Town* Afghanisatan 84 G9
Dekéleia *Town* Cyprus 80 B8
Delārām *Town* Afghanistan 84 G8
Delaware State USA 8 H8
Delft *Town* Netherlands 53 D9
Delhi *Town* India 86 H3
Delicias *Town* Mexico 18 H4
Delmenhorst *Town* Germany 56 D5
Del Rio *Town* Texas, USA 17 K7
Deltona *Town* Florida, USA 11 J7
Dembia *Town* Central African Republic 42 G8
Demopolis *Town* Alabama, USA 10 G5
Denekamp *Town* Netherlands 52 G8
Den Helder *Town* Netherlands 52 E7
Denizli *Town* Turkey 76 D6
Denmark *Country* 49 B12
Denov *Town* Uzbekistan 85 I5
Denpasar *Town* Indonesia 96 H8
Denton *Town* Texas, USA 17 M5
Denver *Town* Colorado, USA 15 L5
Dera Ghāzi Khān *Town* Pakistan 86 G2
Derbent *Town* Russian Federation 73 D14
Derby *Town* England, UK 51 G9
De Ridder *Town* Louisiana, USA 10 E6
Derweza *Town* Turkmenistan 84 F4
Desē *Town* Ethiopia 38 G8
Des Moines *Town* Iowa, USA 12 H6

Dessau *Town* Germany 56 F7
Detroit *Town* Michigan, USA 13 L5
Deva *Town* Romania 68 E6
Deventer *Town* Netherlands 52 F8
Devon Island Nunavut, Canada 5 J3
Dezful *Town* Iran 82 E7
Dezhou *Town* China 91 J4
Dhaka *Capital* Bangladesh 87 L4
Dhanbād *Town* India 87 K4
Diamantina, Chapada Mountain range Brazil 29 L4
Dibrugarh *Town* India 87 M3
Điễn Biền *Town* Vietnam 94 E6
Dieppe *Town* France 54 E5
Digos *Town* Philippines 97 K4
Dijon *Town* France 54 G8
Dikhil *Town* Djibouti 38 G8
Dikson *Town* Russian Federation 78 H4
Dili *Capital* East Timor 97 K8
Di Linh *Town* Vietnam 95 H11
Dilolo *Town* Democratic Republic of Congo 43 G13
Dimashq *see* Damascus
Dimitrovgrad *Town* Russian Federation 73 E10
Dimitrovgrad *Town* Bulgaria 66 G7
Dinajpur *Town* Bangladesh 87 K4
Dinar *Town* Turkey 76 D6
Dinaric Alps Mountain range Bosnia & Herzegovina/Montenegro 64 C8
Dinguiraye *Town* Guinea 40 F6
Diourbel *Town* Senegal 40 E5
Dirē Dawa *Town* Ethiopia 39 G9
Divinópolis *Town* Brazil 29 L6
Divo *Town* Côte d'Ivoire 40 H8
Diyarbakir *Town* Turkey 77 J6
Djanet *Town* Algeria 37 J7
Djelfa *Town* Algeria 36 H4
Djibouti *Country* 38 G8
Djibouti City *Capital* Djibouti 38 G8
Dnieper River Ukraine 69 J6
Dnieper Lowland Ukraine 69 J3
Dniester River Ukraine 68 H4
Dniprodzerzhyn's'k *Town* Ukraine 69 K4
Dnipropetrov's'k *Town* Ukraine 69 K4
Doba *Town* Chad 42 E7
Dobo *Town* Bosnia & Herzegovina 64 E7
Dobrich *Town* Bulgaria 66 H5
Dodecanese Island group Greece 67 G12
Dodekánisa *see* Dodecanese
Dodge City *Town* Kansas, USA 12 F7
Dodoma *Capital* Tanzania 39 F13
Dogubayazit *Town* Turkey 77 L4
Doha *Capital* Qatar 83 F9
Dokkum *Town* Netherlands 52 F6
Dôle *Town* France 54 G8
Dolisie *Town* Congo 43 D11
Dolni Chiflik *Town* Bulgaria 66 H6
Dolomites Mountain range Italy 60 E4
Dolores *Town* Uruguay 30 G8
Dolores *Town* Guatemala 20 E3
Dolores *Town* Argentina 31 G9
Dolores Hidalgo *Town* Mexico 19 J7
Dominica *Country* 23 O6
Dominican Republic *Country* 23 J4
Don River Russian Federation 73 D11
Doncaster *Town* England, UK 51 G9
Donegal *Town* Ireland 50 C7
Donets River Ukraine 69 L4
Donets'k *Town* Ukraine 69 M5
Dongguan *Town* China 91 J8
Đông Ho'í *Town* Vietnam 94 G8
Donostia-San Sebastián *Town* Spain 59 J2
Doolow *Town* Ethiopia 39 G10
Dordogne River France 55 D10
Dordrecht *Town* Netherlands 53 E9
Dortmund *Town* Germany 56 C7
Dos Hermanas *Town* Spain 58 G8
Douala *Town* Cameroon 42 C8
Douglas *Capital* Isle of Man 50 E8
Douglas *Town* Arizona, USA 16 F6
Dover *Town* Delaware, USA 8 H8
Dover *Town* England, UK 51 I11
Dovrefjell Plateau Norway 48 C8
Dra, Hamada du Plateau Algeria 36 E5
Drahichyn *Town* Belarus 71 C10

Drakensberg Mountain range South Africa 44 H8
Drake Passage Southern Ocean 110 A4
Dralfa *Town* Bulgaria 66 G5
Dráma *Town* Greece 66 E8
Drammen Norway 49 B10
Drava River Croatia 64 E6
Dresden *Town* Germany 56 G7
Drina River Bosnia & Herzegovina 65 E9
Drobeta-Turnu Severin *Town* Romania 68 D7
Drogheda *Town* Ireland 50 D8
Drummondville *Town* Québec, Canada 7 I7
Dryden *Town* Ontario, Canada 6 D5
Dubai *Town* United Arab Emirates 83 G9
Dubăsari *Town* Moldova 68 H5
Dubayy *see* Dubai
Dublin *Capital* Ireland 51 D9
Du Bois *Town* Pennsylvania, USA 8 F7
Dubrovnik *Town* Croatia 65 D10
Dubuque *Town* Iowa, USA 13 I5
Dudelange *Town* Luxembourg 53 F14
Duisburg *Town* Germany 56 C7
Duk Faiwil *Town* Sudan 39 E9
Dulan *Town* China 88 H6
Dulovo *Town* Bulgaria 66 H5
Duluth *Town* Minnesota, USA 13 I3
Dümā *Town* Syria 81 E9
Dumont d'Urville *Research station* Antarctica 110 F7
Dumyāt *Town* Egypt 38 E4
Dunaújváros *Town* Hungary 63 E11
Dunav River Bulgaria 66 G5
Dunav *see* Danube
Dunavska Ravnina Plain Bulgaria 66 E5
Dundee *Town* South Africa 45 I7
Dundee *Town* Scotland, UK 50 F6
Dunedin *Town* New Zealand 107 C13
Dunfermline *Town* Scotland, UK 50 E6
Dunkerque *Town* France 54 F4
Dunkirk *Town* New York, USA 8 E6
Dún Laoghaire *Town* Ireland 51 D9
Duqm *Town* Oman 83 H11
Durango *Town* Mexico 18 H6
Durango *Town* Colorado, USA 15 K7
Durban *Town* South Africa 45 I8
Durham *Town* England, UK 50 G7
Durham *Town* North Carolina, USA 11 K3
Durrës *Town* Albania 65 E11
Dushan *Town* China 90 H7
Dushanbe *Capital* Tajikistan 85 J5
Düsseldorf *Town* Germany 56 C7
Dutch Harbor *Town* Alaska, USA 4 B5
Duyun *Town* China 90 H7
Dzerzhinsk *Town* Russian Federation 73 D9
Dzhalal-Abad *Town* Kyrgyzstan 85 L4
Dzhelandy *Town* Tajikistan 85 K5
Dzhergalan *Town* Kyrgyzstan 85 N3
Dzhusaly *Town* Kazakhstan 78 E7
Dzuunmod *Town* Mongolia 89 J3

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East Antarctica Region Antarctica 110 F5
Eastbourne *Town* England, UK 51 H12
East Cape *Coastal feature* New Zealand 106 I6
East China Sea Pacific Ocean 91 L6
Easter Island Chile, Pacific Ocean 109 M7
Eastern Ghats Mountain range India 87 J6
Eastern Sayans Mountain range Russian Federation 79 I7
East Kilbride *Town* Scotland, UK 50 E6
East Korea Bay North Korea/South Korea 91 M3
Eastleigh *Town* England, UK 51 G11
East London *Town* South Africa 44 H8
East Pacific Rise *Undersea feature* Pacific Ocean 109 L7
East Sea Pacific Ocean 93 D10 *see also* Japan, Sea of
East Siberian Sea Arctic Ocean 111 N3
East Timor *Country* 97 K8
Eau Claire *Town* Wisconsin, USA 13 I4
Eberswalde-Finow *Town* Germany 56 G5
Ebetsu *Town* Japan 92 F5

Ebolowa *Town* Cameroon 43 C9
Ebro River Spain 59 J4
Ecuador *Country* 26 A8
Ed Damer *Town* Sudan 38 E7
Ed Debba *Town* Sudan 38 D7
Ede *Town* Nigeria 41 K7
Ede *Town* Netherlands 52 F8
Edéa *Town* Cameroon 42 C8
Edinburgh *Town* Scotland, UK 50 F6
Edirne *Town* Turkey 76 C3
Edmonton *Town* Alberta, Canada 4 H8
Edmundston *Town* New Brunswick, Canada 7 J6
Edna *Town* Texas, USA 17 M7
Edolo *Town* Italy 60 D4
Edremit *Town* Turkey 76 C4
Edward, Lake Democratic Republic of Congo 43 I10
Edwards Plateau Texas, USA 17 K7
Eemshaven *Town* Netherlands 52 G6
Effingham *Town* Illinois, USA 13 J7
Eger *Town* Hungary 63 F11
Egypt *Country* 38 D5
Eidfjord *Town* Norway 49 B9
Eindhoven *Town* Netherlands 53 F10
Eivissa *see* Ibiza
Elat *Town* Israel 81 D14
Elâziğ *Town* Turkey 76 H5
Elbasan *Town* Albania 65 F12
Elbe River Germany/Czech Republic 56 E5
Elblag *Town* Poland 62 E5
El'brus Mountain Russian Federation 73 C13
El Cajon *Town* California, USA 14 H8
El Callao *Town* Venezuela 26 F5
Elche *Town* Spain 59 K7
Elda *Town* Spain 59 K7
El Dorado *Town* Venezuela 26 F6
Eldoret *Town* Kenya 39 F11
Elektrostal' *Town* Russian Federation 72 C8
El Fasher *Town* Sudan 38 C8
El Geneina *Town* Sudan 38 C8
Elgin *Town* Illinois, USA 13 J5
El Goléa *Town* Algeria 36 H5
Elista *Town* Russian Federation 73 C11
El-Jadida *Town* Morocco 36 E4
Elk *Town* Poland 62 G5
El Khārga *Town* Egypt 38 D5
Ellesmere Island Nunavut, Canada 5 J2
Ellsworth Land Region Antarctica 110 C6
El Mahbas *Town* Western Sahara 36 E6
El Mina *Town* Lebanon 80 D8
Elmira *Town* New York, USA 8 G6
El Mreyyé Desert Mauritania 40 G3
Elmshorn *Town* Germany 56 D5
El Muglad *Town* Sudan 38 D8
El Obeid *Town* Sudan 38 D8
El Oued *Town* Algeria 37 I4
Eloy *Town* Arizona, USA 16 E5
El Paso *Town* Texas, USA 16 H6
El Porvenir *Town* Panama 21 M7
El Progreso *Town* Honduras 20 G3
El Salvador *Country* 20 E5
El Sáuz *Town* Mexico 18 G4
El Tigre *Town* Venezuela 26 E5
Emba *Town* Kazakhstan 78 E6
Emden *Town* Germany 56 C5
Emerald *Town* Queensland, Australia 105 L4
Emmen *Town* Netherlands 52 G7
Empalme *Town* Mexico 18 F4
Empty Quarter *see* Ar Rub' al Khālī
Encarnación *Town* Paraguay 30 H6
Encs *Town* Hungary 63 G10
Endeh *Town* Indonesia 97 J8
England National Region UK 51 G9
English Channel UK/France 51 H12
Enid *Town* Oklahoma, USA 17 L3
En Nāqūra *Town* Lebanon 81 D10
Enschede *Town* Netherlands 52 G8
Ensenada *Town* Mexico 18 C3
Entebbe *Town* Uganda 39 E11
Enugu *Town* Nigeria 41 L7
Eolie, Isole Island Italy 61 F12
Épinal *Town* France 54 H7
Equatorial Guinea *Country* 43 C9
Erdenet *Town* Mongolia 89 I3
Ereğli *Town* Turkey 76 F6
Erenhot *Town* China 89 K4

Erfurt *Town* Germany 56 E7
Ergun *Town* China 89 L2
Erie *Town* Pennsylvania, USA 8 E6
Erie, Lake Canada/USA, 13 M5
Eritrea *Country* 38 F7
Erlangen *Town* Germany 57 E9
Ernakulam *Town* India 86 H8
Erode *Town* Pakistan 86 H8
Er-Rachidia *Town* Morocco 36 F5
Erzincan *Town* Turkey 76 H4
Erzurum *Town* Turkey 77 J4
Esbjerg *Denmark* 49 B12
Escondido *Town* California, USA 14 H8
Escuinapa *Town* Mexico 18 H6
Escuintla *Town* Mexico 19 N9
Escuintla *Town* Guatemala 20 D4
Eşfahān *Town* Iran 82 F7
Eskişehir *Town* Turkey 76 E4
Eslāmābād *Town* Iran 82 D6
Esmeraldas *Town* Ecuador 26 A7
Esperance *Town* Western Australia, Australia 104 G7
Esperanza *Research station* Antarctica 110 B4
Esperanza *Town* Mexico 18 F4
Espiritu Santo *Island* Vanuatu 102 H7
Espoo *Town* Finland 49 G9
Essaouira *Town* Morocco 36 E4
Essen *Town* Belgium 53 E10
Essen *Town* Germany 56 C7
Estância *Town* Brazil 29 M4
Estonia *Country* 70 G4
Ethiopia *Country* 39 G9
Ethiopian Highlands *Upland* Ethiopia 39 F9
Etna, Mount *Volcano* Italy 61 F13
Eucla *Town* Western Australia, Australia 104 H6
Euclid *Town* Ohio, USA 13 M5
Eugene *Town* Oregon, USA 14 F3
Euphrates River Turkey/Syria/Iraq 76 H4
Eureka *Town* Montana, USA 15 I2
Evanston *Town* Wyoming, USA 15 J5
Evanston *Town* Illinois, USA 13 J5
Evansville *Town* Indiana, USA 13 K8
Everest, Mount *Mountain* Nepal/China 87 K3
Everett *Town* Washington, USA 14 G2
Everglades, The *Wetlands* Florida, USA 11 J8
Évora *Town* Portugal 58 F7
Exeter *Town* England, UK 51 E12
Extremadura *Region* Portugal 58 G6
Eyre North, Lake South Australia, Australia 105 J6
Eyre Peninsula South Australia, Australia 105 I7
Eyre South, Lake South Australia, Australia 105 J6

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Fabens *Town* New Mexico, USA 16 H6
Fada *Town* Chad 42 F5
Fada-Ngourma *Town* Burkina Faso 41 J6
Faenza *Town* Italy 60 E6
Faeroe Islands *Dependent territory* Denmark, Atlantic Ocean 33 K1
Fahraj *Town* Iran 82 H8
Fairbanks *Town* Alaska, USA 4 E5
Fairfield *Town* California, USA 14 F6
Faisalābād *Town* Pakistan 86 G2
Faizābād *Town* India 87 J3
Falkland Islands *Dependent territory* UK, Atlantic Ocean 33 I8
Falun *Town* Sweden 49 D9
Famagusta *see* Ammóchostos
Fano *Town* Italy 60 F7
Farewell, Cape *Coastal feature* New Zealand 106 D8
Fargo *Town* North Dakota, USA 12 G3
Farg'ona *Town* Uzbekistan 85 K4
Farkhor *Town* Tajikistan 85 J5
Fastiv *Town* Ukraine 69 I3
Faya *Town* Chad 42 E4
Fayetteville *Town* North Carolina, USA 11 K4
Fdérík *Town* Mauritania 40 F3
Fear, Cape *Coastal feature* North Carolina, USA 11 K4
Federacija Bosna I Hercegovina *Administrative region* Bosnia & Herzegovina 64 D8
Feijó *Town* Brazil 28 F4
Feilding *Town* New Zealand 106 G8
Feira de Santana *Town* Brazil 29 M5
Felipe Carrillo Puerto *Town* Mexico 19 O7
Felixstowe *Town* England, UK 51 I10
Fengcheng *Town* China 91 L3
Ferrara *Town* Italy 60 E6
Ferreñafe *Town* Peru 27 A9
Ferizaj *Town* Kosovo 65 G10
Ferrol *Town* Spain 58 F2
Fès *Town* Morocco 36 F4
Fezzan *Cultural region* Libya 37 L6
Fianarantsoa *Town* Madagascar 45 M6
Figuig *Town* Algeria 36 G4
Fiji *Country* 103 I7
Filiași *Town* Romania 68 E7
Filipstad *Town* Sweden 49 D10
Findlay *Town* Ohio, USA 13 L6
Finland *Country* 48 G7
Finland, Gulf of Finland/Estonia 49 G10
Finnmarksvidda *Physical region* Norway 48 F4
Fiordland *Physical region* New Zealand 107 A13
Firenze *see* Florence
Flagstaff *Town* Arizona, USA 16 E4
Flensburg *Town* Germany 56 D4
Flinders Ranges *Mountain range* Australia 105 J6
Flint *Town* Michigan, USA 13 L5
Florence *Town* Italy 60 D7
Florencia *Town* Colombia 26 B7
Flores *Town* Guatemala 20 E2
Flores Sea Indonesia 97 I8
Floriano *Town* Brazil 29 L3
Florianópolis *Town* Brazil 29 K8
Florida *State* USA 11 J8
Florida Keys *Island group* Florida, USA 11 J9
Florida, Straits of USA/Bahamas 11 K9
Florissant *Town* Missouri, USA 13 I7
Focșani *Town* Romania 68 G6
Foggia *Town* Italy 61 G9
Foligno *Town* Italy 60 E8
Folkestone *Town* England, UK 51 I11
Fongafale *Capital* Tuvalu 103 J5
Fonseca, Gulf of El Salvador 20 F5
Fontainebleau *Town* France 54 F7
Fonyód *Town* Hungary 63 D12
Forlì *Town* Italy 60 E6
Formosa *Town* Argentina 30 G5
Formosa, Serra *Mountain range* Brazil 29 I4
Fort Albany *Town* Ontario, Canada 6 G5
Fortaleza *Town* Bolivia 27 E10
Fortaleza *Town* Brazil 29 M3
Fort Collins *Town* Colorado, USA 15 L5
Fort-de-France *Capital* Martinique 23 O7
Fort Frances *Town* Ontario, Canada 6 D6
Fort Lauderdale *Town* Florida, USA 11 J8
Fort Myers *Town* Florida, USA 11 J8
Fort Nelson *Town* British Columbia, Canada 4 G7
Fort Severn *Town* Ontario, Canada 6 F3
Fort-Shevchenko *Town* Kazakhstan 78 D6
Fort Smith *Town* Arkansas, USA 10 D3
Fort Smith *Town* Arkansas, USA 10 D3
Fort Stockton *Town* Texas, USA 17 J6
Fort Vermilion *Town* Alberta, Canada 4 H7
Fort Wayne *Town* Indiana, USA 13 K6
Fort William *Town* Scotland, UK 50 E5
Fort Worth *Town* Texas, USA 17 L5
Foumban *Town* Cameroon 42 C8
Foveaux Strait New Zealand 107 B14
France *Country* 54 E8
Francistown *Town* Botswana 44 H5
Frankfurt am Main *Town* Germany 56 D8
Frankfurt an der Oder *Town* Germany 56 G6
Fransisco Escárcega *Town* Mexico 19 N7
Fraser Island *Island* Australia 105 N5
Fredericton *Town* New Brunswick, Canada 7 J7
Fredrikstad *Norway* 49 C10
Freeport *Town* Texas, USA 17 N7

Freeport *Town* Bahamas 22 F1
Freetown *Capital* Sierra Leone 40 E7
Freiburg im Breisgau *Town* Germany 57 C10
Fremantle *Town* Western Australia, Australia 104 E7
French Guiana *Dependent territory* 26 H6
French Polynesia *Dependent territory* France, Pacific Ocean 103 N8
Fresnillo *Town* Mexico 19 I6
Fresno *Town* California, USA 14 G7
Frias *Town* Argentina 30 E6
Friedrichshafen *Town* Germany 57 D11
Frisian Islands, East *Island group* Germany 56 C5
Frisian Islands, North *Island group* Germany 56 C4
Frontera *Town* Mexico 19 N7
Frýdek-Místek *Town* Czech Republic 63 E9
Fu'an *Town* China 91 K7
Fudi *Town* Japan 92 G7
Fuerte Olimpo *Town* Paraguay 30 G4
Fuji *Town* Japan 93 F11
Fujian *Administrative region* China 91 K7
Fuji, Mount *Mountain* Japan 93 F11
Fujisawa *Town* Japan 93 G11
Fukui *Town* Japan 93 E11
Fukuoka *Town* Japan 93 B13
Fukushima *Town* Japan 93 G9
Fukushima *Town* Japan 92 F6
Fukuyama *Town* Japan 93 D12
Fulda *Town* Germany 56 D8
Fundy, Bay of Canada 7 K7
Fürth *Town* Germany 57 E9
Furukawa *Town* Japan 92 G8
Fushun *Town* China 91 L2
Fuyuan *Town* China 89 N1
Fuxin *Town* China 91 K2
Fuzhou *Town* China 91 K7

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Gaalkacyo *Town* Somalia 39 H9
Gabès *Town* Tunisia 37 J4
Gabon *Country* 43 C10
Gaborone *Capital* Botswana 44 G6
Gabrovo *Town* Bulgaria 66 F6
Gadag *Town* Sri Lanka 86 H7
Gafsa *Town* Tunisia 37 J4
Gagnoa *Town* Côte d'Ivoire 40 H8
Gagra *Town* Georgia 77 J2
Gaillac *Town* France 55 E11
Gainesville *Town* Texas, USA 17 M5
Gainesville *Town* Florida, USA 11 I7
Galanta *Town* Slovakia 63 E10
Galápagos Islands *Island group* Ecuador, Pacific Ocean 109 M5
Galapi *Town* Romania 68 G6
Galesburg *Town* Illinois, USA 13 I6
Galicía *Region* Spain 58 F3
Galle *Town* India 87 I9
Gallup *Town* New Mexico, USA 16 G4
Galtat-Zemmour *Town* Western Sahara 36 D6
Galveston *Town* Texas, USA 17 N7
Galway *Town* Ireland 51 B9
Gambell *Town* Alaska, USA 4 D3
Gambia *Country* 40 E5
Gambia River Senegal 40 F5
Gāncă *Town* Azerbaijan 77 M3
Gandajika *Town* Democratic Republic of Congo 43 G12
Gander *Town* Newfoundland & Labrador, Canada 7 M5
Gāndhīdhām *Town* India 86 F4
Ganges River Asia 87 K4
Ganges, Mouths of the *Coastal feature* India/Bangladesh 87 L5
Gansu *Administrative region* China 88 H5
Ganzhou *Town* China 91 J7
Gao *Town* Mali 41 J5
Garagum *Desert* Turkmenistan 84 F4
Garagum Canal Turkmenistan 84 H5
Garland *Town* Texas, USA 17 M5
Garonne River France 55 D10
Garoua *Town* Cameroon 42 D7
Garsen *Town* Kenya 39 G12
Gar Xincun *Town* China 88 D7
Gary *Town* Indiana, USA 13 K6
Garzón *Town* Colombia 26 B7
Gaspé *Town* Québec, Canada 7 K6
Gaspé, Péninsule de *Peninsula* Newfoundland & Labrador, Canada 7 K6
Gatchina *Town* Russian Federation 72 C7
Gatineau *Town* Québec, Canada 6 H7
Gāvbandi *Town* Iran 82 F8
Gavere *Town* Belgium 53 D11
Gävle *Town* Sweden 49 E9
Gaya *Town* India 87 J4
Gaza *Town* Israel 81 C12
Gaza Strip *Disputed region* Near East 81 C11
Gaziantep *Town* Turkey 76 H6
Gazimağusa *see* Ammóchostos
Gazli *Town* Uzbekistan 84 H4
Gdańsk *Town* Poland 62 E5
Gdynia *Town* Poland 62 E4
Gedaref *Town* Sudan 38 F8
Gediz *Town* Turkey 76 D5
Geelong *Town* Victoria, Australia 105 K8
Gejiu *Town* China 90 F8
Gela *Town* Sicily, Italy 61 E13
Gembloux *Town* Belgium 53 E11
Gemena *Town* Democratic Republic Congo 43 F9
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Havant *Town* England, UK 51 G11
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Holon *Town* Israel 81 D11

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Hradec Králové *Town* Czech Republic 62 C8
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Huaihua *Town* China 90 H7
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Huelva *Town* Spain 58 G8
Huesca *Town* Spain 59 K4
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Hulun Buir *Town* China 89 L2
Humpolec *Town* Czech Republic 63 C9
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Igarka *Town* Russian Federation 78 H4
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Ilorin *Town* Nigeria 41 K7
Ilovlya *Town* Russian Federation 73 D11
İmişli *Town* Azerbaijan 77 N4
Imola *Town* Italy 60 E6
Imperatriz *Town* Brazil 29 K3
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Innsbruck *Town* Austria 57 E11
Inowrocław *Town* Poland 62 E6
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Ipswich *Town* England, UK 51 I10
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Isernia *Town* Italy 61 F9
Ishim *Town* Russian Federation 78 G6
Ishinomaki *Town* Japan 92 G8
Ishkoshim *Town* Tajikistan 85 K6
Isiro *Town* Democratic Republic of Congo 43 H9
İskenderun *Town* Turkey 76 H7
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Ithaca *Town* New York, USA 8 G5
Itoigawa *Town* Japan 93 F10
Ivanhoe *Town* New South Wales, Australia 105 K7
Ivano-Frankiv's'k *Town* Ukraine 68 F4
Ivanovo *Town* Russian Federation 72 D8
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Ivujivik *Town* Québec, Canada 6 H1
Iwaki *Town* Japan 93 G9
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Ixtapa *Town* Mexico 19 J9
Ixtepec *Town* Mexico 19 M9
Izhevsk *Town* Russian Federation 73 F9
Izmayil *Town* Ukraine 68 H7
Izmir *Town* Turkey 76 C5
İzmit *Town* Turkey 76 D4
Izumo *Town* Japan 93 C11
Izu-shotō *Island group* Japan 93 G12
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Jackman *Town* Maine, USA 9 K2
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Jacksonville *Town* Florida, USA 11 J6
Jacksonville *Town* Texas, USA 17 N5
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Jakarta *Capital* Indonesia 96 F7
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Jamaica *Country* 22 F6
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Jamestown *Town* New York, USA 8 E6
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Jebba *Town* Nigeria 41 K7
Jedda *Town* Saudi Arabia 83 B10
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Jekabpils *Town* Latvia 70 F6
Jelenia Góra *Town* Poland 62 C8
Jelgava *Town* Latvia 70 E6
Jemappes *Town* Belgium 53 D12
Jember *Town* Indonesia 96 H8
Jena *Town* Germany 56 E7
Jenin *Town* Israel 81 D10
Jerada *Town* Morocco 36 G4
Jérémie *Town* Haiti 22 H5
Jericho *Town* Israel 81 D11
Jersey *Island* Channel Islands, UK 51 G13
Jerusalem *Capital* Israel 81 D11
Jessore *Town* Bangladesh 87 L4
Jhānsi *Town* India 87 I4
Jhelum *Town* Pakistan 86 H2
Jiamusi *Town* China 89 M2
Jiangmen *Town* China 91 I8
Jiangsu *Administrative region* China 91 K5
Jiangxi *Administrative region* China 91 J7
Jiaxing *Town* China 91 K6
Jiddah *see* Jedda
Jihlava *Town* Czech Republic 63 C9
Jilin *Town* China 89 M3
Jilin *Administrative region* China 89 M3
Jima *Town* Ethiopia 39 F9
Jimbolia *Town* Romania 68 D6
Jinan *Town* China 91 J4
Jingdezhen *Town* China 91 J6
Jinghong *Town* China 90 F8
Jingzhou *Town* China 91 I6
Jinhua *Town* China 91 K6
Jining *Town* China 89 K4
Jinja *Town* Uganda 39 E11
Jinzhou *Town* China 91 K2
Jiujiang *Town* China 91 J6
Jixi *Town* China 89 N2
Jizzax *Town* Uzbekistan 85 I4
João Pessoa *Town* Brazil 29 N3
Jodhpur *Town* India 86 G3
Joensuu *Town* Finland 48 H8
Jōetsu *Town* Japan 93 F9
Johannesburg *Town* South Africa 44 H7
Johor Bahru *Town* Malaysia 96 E5
Johnston Atoll *Dependent territory* USA, Pacific Ocean 109 J4
John o'Groats *Town* Scotland, UK 50 F3
Joinville *Town* Brazil 29 K8
Joliet *Town* Illinois, USA 13 J6
Jonesboro *Town* Arkansas, USA 10 F3
Jönköping *Town* Sweden 49 D11
Jonquière *Town* Québec, Canada 7 I6
Jordan *Country* 81 E11
Jordan River Jordan 81 D10
Jorhāt *Town* India 87 M3
Jos *Town* Nigeria 41 L6
Joseph Bonaparte Gulf Australia 104 H2
Jos Plateau *Upland* Nigeria 41 L7
Jotunheimen *Mountain range* Norway 48 B8
Joûnié *Town* Lebanon 81 D9
Joure *Town* Netherlands 52 F6
Juazeiro *Town* Brazil 29 M4
Juazeiro do Norte *Town* Brazil 29 M4
Juba *Town* Sudan 39 E10
Juchitán *Town* Mexico 19 M9
Judenburg *Town* Austria 57 G11
Juiz de Fora *Town* Brazil 29 L7
Juliaca *Town* Peru 27 D11
Junction City *Town* Kansas, USA 12 G7
Juneau *Town* Alaska, USA 4 F7
Junín *Town* Argentina 30 F8
Jura *Mountain range* Switzerland 57 C11
Jūrmala *Town* Latvia 70 E5
Juruá, **Rio** *River* Brazil 28 G3
Jutiapa *Town* Guatemala 20 E4

Juticalpa *Town* Honduras 20 H4
Jutland Peninsula Denmark 49 B12
Jwaneng *Town* Botswana 44 G6
Jylland *see* Jutland
Jyväskylä *Town* Finland 48 G8

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K2 *Mountain* Pakistan/China 86 H1
Kabale *Town* Uganda 39 D11
Kabinda *Town* Democratic Republic of Congo 43 G11
Kabul *Capital* Afghanisatan 85 J7
Kabwe *Town* Zambia 44 H4
Kachchh, Rann of Salt marsh India 86 G4
Kadoma *Town* Zimbabwe 44 H4
Kaduna *Town* Nigeria 41 L6
Kadzhi-Say *Town* Kyrgyzstan 85 M3
Kaga *Town* Japan 93 E10
Kagoshima *Town* Japan 93 C14
Kahramanmaraş *Town* Turkey 76 H6
Kaifeng *Town* China 91 J4
Kaikoura *Town* New Zealand 107 F10
Kaili *Town* China 90 H7
Kairouan *Town* Tunisia 37 J3
Kaiserslautern *Town* Germany 57 C9
Kaiyuan *Town* China 90 F8
Kajaani *Town* Finland 48 H7
Kalahari Desert Namibia 44 F6
Kalamariá *Town* Greece 66 E8
Kalámata *Town* Greece 67 D12
Kalamazoo *Town* Michigan, USA 13 K5
Kalasin *Town* Thailand 95 F9
Kālat *Town* Pakistan 86 F2
Kalbarri *Town* Western Australia, Australia 104 D5
Kalemie *Town* Democratic Republic of Congo 43 I11
Kalgoorlie *Town* Western Australia, Australia 104 F6
Kalima *Town* Democratic Republic of Congo 43 H10
Kalimantan Region Indonesia 96 G6
Kaliningrad *Administrative region* Russian Federation 70 B7
Kaliningrad *Town* Kaliningrad 70 B6
Kalisz *Town* Poland 62 E7
Kalmar *Town* Sweden 49 E12
Kaluga *Town* Russian Federation 73 C9
Kalyān *Town* India 86 G5
Kamarang *Town* Guyana 26 F6
Kamchatka Peninsula Russian Federation 79 M4
Kamensk-Shakhtinskiy *Town* Russian Federation 73 C11
Kamina *Town* Democratic Republic of Congo 43 G12
Kamloops *Town* British Colombia, Canada 4 G8
Kampala *Capital* Uganda 39 E11
Kāmpóng Cham *Town* Cambodia 95 G11
Kam”yanets’-Podil’s’kyy *Town* Ukraine 68 G4
Kamyshin *Town* Russian Federation 73 D11
Kananga *Town* Democratic Republic of Congo 43 F11
Kanash *Town* Russian Federation 73 E9
Kanazawa *Town* Japan 93 E10
Kānchipuram *Town* India 87 I7
Kandahār *Town* Afghanisatan 84 H8
Kandalaksha *Town* Russian Federation 72 D5
Kandi *Town* Benin 41 J6
Kandy *Town* Sri Lanka 87 I9
Kanggye *Town* North Korea 91 M2
Kanjiza *Town* Serbia 64 G6
Kankan *Town* Guinea 40 G6
Kannur *Town* India 86 H8 *see also* Cannanore
Kano *Town* Nigeria 41 L6
Kanoya *Town* Japan 93 C14
Kānpur *Town* India 87 I3
Kansas State USA 12 F7
Kansas City *Town* Kansas, USA 12 H7
Kansas River Kansas, USA 12 G7
Kansk *Town* Russian Federation 79 I6
Kaohsiung *Town* Taiwan 91 K8

Kaolack *Town* Senegal 40 E5
Kaoma *Town* Zambia 44 G4
Kaposvár *Town* Hungary 63 E12
Kara-Balta *Town* Kyrgyzstan 85 L3
Karabük *Town* Turkey 76 F3
Karāchi *Town* Pakistan 86 F4
Karaganda *Town* Kazakhstan 78 G7
Karakol *Town* Kyrgyzstan 85 M3
Karakoram Range *Mountain range* Pakistan/India 86 H1
Karaman *Town* Turkey 76 F6
Karamay *Town* China 88 F4
Kara Sea Arctic Ocean 111 O6
Karatau *Town* Kazakhstan 78 F7
Karatsu *Town* Japan 93 B13
Karbalā’ *Town* Iraq 82 C7
Karditsa *Town* Greece 67 D10
Kärdla *Town* Estonia 70 F3
Kargi *Town* Turkey 76 G3
Karibib *Town* Namibia 44 E6
Karigasniemi *Town* Finland 48 G4
Karimata, Selat Strait Indonesia 96 F7
Karimnagar *Town* India 87 I6
Karin *Town* Somalia 38 H8
Karlovac *Town* Croatia 64 C6
Karlovy Vary *Town* Czech Republic 62 B8
Karlskrona *Town* Sweden 49 D12
Karlsruhe *Town* Germany 57 C9
Karlstad *Town* Sweden 49 D10
Karnāl *Town* India 86 H3
Karnobat *Town* Bulgaria 66 H6
Kars *Town* Turkey 77 K4
Kárystos *Town* Greece 67 F11
Kaş *Town* Turkey 76 D7
Kasai River Democratic Republic of Congo 43 E11
Kāsaragod *Town* India 86 H7
Kāshān *Town* Iran 82 E6
Kashi *Town* China 88 D5
Kashiwazaki *Town* Japan 93 F9
Kasongo *Town* Democratic Republic of Congo 43 H11
Kasongo-Lunda *Town* Democratic Republic of Congo 43 E11
Kaspiysk *Town* Russian Federation 73 D14
Kassala *Town* Sudan 38 F7
Kassel *Town* Germany 56 D7
Kasserine *Town* Tunisia 37 J4
Kastamonu *Town* Turkey 76 F3
Kasulu *Town* Tanzania 39 D12
Katahdin, Mount Maine, USA 9 L2
Katha *Town* Myanmar 94 C5
Katherine *Town* Northern Territory, Australia 105 I2
Kathmandu *Capital* Nepal 87 J3
Katikati *Town* New Zealand 106 G6
Katiola *Town* Côte d’Ivoire 40 H7
Katowice *Town* Poland 62 E8
Katsina *Town* Nigeria 41 L6
Kattaqo’rg’on *Town* Uzbekistan 85 I4
Kattegat Sea Denmark/Sweden 49 C12
Kaunas *Town* Lithuania 70 D7
Kavála *Town* Greece 66 F8
Kāvali *Town* India 87 I7
Kavarna *Town* Bulgaria 66 I5
Kawagoe *Town* Japan 93 G10
Kawasaki *Town* Japan 93 G10
Kayan *Town* Myanmar 94 C8
Kayseri *Town* Turkey 76 G5
Kazach’ye *Town* Russian Federation 78 K4
Kazakhstan *Country* 78 E6
Kazakh Uplands Kazakhstan 78 F7
Kazan’ *Town* Russian Federation 73 E9
Kazanlúk *Town* Bulgaria 66 F6
Kāzerūn *Town* Iran 82 F8
Kecskemét *Town* Hungary 63 F11
Kediri *Town* Indonesia 96 G8
Kędzierzyn-Koźle *Town* Poland 62 E8
Keith *Town* South Australia, Australia 105 J8
Kēk-Art *Town* Kyrgyzstan 85 L4
Kelowna *Town* British Colombia, Canada 4 G9
Kelso *Town* Washington, USA 14 F3
Keluang *Town* Malaysia 96 E5
Kemah *Town* Turkey 76 H5
Kemerovo *Town* Russian Federation 78 H6
Kemi *Town* Finland 48 G6

Kemijärvi *Town* Finland 48 G5
Kempton *Town* Germany 57 E10
Kendal *Town* England, UK 50 F8
Keng Tung *Town* Myanmar 94 D6
Kénitra *Town* Morocco 36 F4
Kenora *Town* Ontario, Canada 6 D5
Kenosha *Town* Wisconsin, USA 13 J5
Kentau *Town* Kazakhstan 78 F7
Kentucky State USA 10 G3
Kenya *Country* 39 F11
Kerch *Town* Ukraine 69 L7
Kerkrade *Town* Netherlands 53 F11
Kérkyra *see* Corfu
Kermadec Islands *Island group* New Zealand 109 J7
Kermān *Town* Iran 82 G7
Kesennuma *Town* Japan 92 G8
Kettering *Town* Ohio, USA 13 L7
Key Largo *Town* Florida, USA 11 J9
Key West *Town* Florida, USA 11 J9
Khabarovsk *Town* Russian Federation 78 D4
Khairpur *Town* Pakistan 86 G3
Khanthabouli *Town* Laos 95 F9
Khanty-Mansiysk *Town* Russian Federation 78 G5
Khān Yūnis *Town* Israel 81 C12
Kharagpur *Town* India 87 K4
Kharkiv *Town* Ukraine 69 L3
Khartoum *Capital* Sudan 38 E7
Khasavyurt *Town* Russian Federation 73 D14
Khaskovo *Town* Bulgaria 66 F7
Khaydarkan *Town* Kyrgyzstan 85 K4
Kherson *Town* Ukraine 69 J6
Khmel’nyts’kyy *Town* Ukraine 68 G3
Khon Kaen *Town* Thailand 95 E9
Khouribga *Town* Morocco 36 E4
Khowst *Town* Afghanistan 85 J7
Khujiand *Town* Tajikistan 85 J4
Khulna *Town* Bangladesh 87 L4
Khust *Town* Ukraine 68 E4
Khvoy *Town* Iran 82 D5
Khyber Pass Afghanistan/Pakistan 86 G1
Kidderminster *Town* England, UK 51 F10
Kiel *Town* Germany 56 E4
Kielce *Town* Poland 62 F8
Kiev *Capital* Ukraine 69 I3
Kigali *Capital* Rwanda 39 D12
Kigoma *Town* Tanzania 39 D12
Kii-suidō Bay Japan 93 E12
Kikinda *Town* Serbia 64 G6
Kikwit *Town* Democratic Republic of Congo 43 E11
Kilis *Town* Turkey 76 H7
Killarney *Town* Ireland 51 B10
Killeen *Town* Texas, USA 17 L6
Kilmarnock *Town* Scotland, UK 50 E6
Kimberley *Town* South Africa 44 G7
Kimberley Plateau Western Australia, Australia 104 G3
Kimch’aek *Town* North Korea 91 M2
Kindia *Town* Guinea 40 F6
Kinshema *Town* Russian Federation 72 D8
Kingman Reef *Dependent territory* USA, Pacific Ocean 103 L3
Kingston *Capital* Jamaica 22 G6
Kingston *Town* Ontario, Canada 6 H8
Kingston upon Hull *Town* England, UK 50 H6
Kingstown *Capital* St Vincent & The Grenadines 23 O8
Kinshasa *Capital* Democratic Republic of Congo 43 D11
Kipushi *Town* Democratic Republic of Congo 43 H13
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Kiribati *Country* 103 L5
Kirikhan *Town* Turkey 76 H7
Kirikkale *Town* Turkey 76 F4
Kirishi *Town* Russian Federation 72 C7
Kirkenes *Town* Norway 48 H3
Kirkland Lake *Town* Ontario, Canada 6 G6
Kirklareli *Town* Turkey 76 C3
Kirkük *Town* Iraq 82 D6
Kirkwall *Town* Scotland, UK 50 F3
Kirov *Town* Russian Federation 72 F8

Kirovo-Chepetsk *Town* Russian Federation 72 F8
Kirovohrad *Town* Ukraine 69 J4
Kiruna *Town* Sweden 48 F5
Kisangani *Town* Democratic Republic of Congo 43 H9
Kislovodsk *Town* Russian Federation 73 C11
Kismaayo *Town* Somalia 39 G11
Kissidougou *Town* Guinea 40 G7
Kissimmee, Lake Florida, USA 11 J7
Kisumu *Town* Kenya 39 E11
Kitakyūshū *Town* Japan 93 B13
Kitami *Town* Japan 92 G4
Kitchener *Town* Ontario, Canada 6 G8
Kitwe *Town* Zambia 44 H3
Kivalo Ridge Finland 48 G6
Kivertsy *Town* Ukraine 68 G2
Kivu, Lake Democratic Republic of Congo 43 H10
Kladno *Town* Czech Republic 62 B8
Klagenfurt *Town* Austria 57 G11
Klaipėda *Town* Lithuania 70 C6
Klamath Falls *Town* Oregon, USA 14 F4
Klang *Town* Malaysia 96 D5
Klarälven River Sweden 49 D9
Klerksdorp *Town* South Africa 44 H7
Klintsy *Town* Russian Federation 73 B9
Ključ *Town* Bosnia & Herzegovina 64 D7
Klosters *Town* Switzerland 57 D11
Kluczbork *Town* Poland 62 E8
Knin *Town* Croatia 64 C8
Knoxville *Town* Tennessee, USA 11 I3
Kōbe *Town* Japan 93 E12
København *see* Copenhagen
Koblenz *Town* Germany 56 C8
Kočani *Town* Macedonia 65 H11
Kočevo *Town* Slovenia 57 H12
Kochi *Town* India 86 H8 *see also* Cochin
Kōchi *Town* Japan 93 D13
Kodiak *Town* Alaska, USA 4 D6
Kōfu *Town* Japan 93 F10
Kohima *Town* India 87 M3
Kohtla-Järve *Town* Estonia 70 H4
Koko *Town* Nigeria 41 K6
Kokshetau *Town* Kazakhstan 78 F6
Kola Peninsula Russian Federation 72 E5
Kolari *Town* Finland 48 F5
Kolda *Town* Senegal 40 E5
Kolhāpur *Town* India 86 G6
Kolkatta *Town* India 87 K4
Kollam *Town* India 86 H9 *see also* Quilon
Köln *see* Cologne
Kolobrzeg *Town* Poland 62 C5
Kolomna *Town* Russian Federation 73 C9
Kolpino *Town* Russian Federation 72 C7
Kol’skiy Poluostrov *see* Kola Peninsula
Kolwezi *Town* Democratic Republic of Congo 43 G13
Komatsu *Town* Japan 93 E10
Komsomol’sk-na-Amure *Town* Russian Federation 79 L6
Kondo *Town* Afghanistan 85 J6
Konin *Town* Poland 62 E7
Konispol *Town* Albania 65 F13
Konotop *Town* Ukraine 69 J2
Konstanz *Town* Germany 57 D10
Konya *Town* Turkey 76 F6
Kopaonik *Mountain range* Serbia 65 G9
Koper *Town* Slovenia 57 G12
Korat Plateau Thailand 94 F8
Korba *Town* India 87 J5
Korçë *Town* Albania 65 F12
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Korea Strait Japan/South Korea 91 M4
Korhogo *Town* Côte d’Ivoire 40 H7
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Kōriyama *Town* Japan 93 G9
Korla *Town* China 88 F5
Korosten’ *Town* Ukraine 68 H2
Kortrijk *Town* Belgium 53 C11
Kos *Town* Greece 67 H13
Kościerzyna *Town* Poland 62 E5
Košice *Town* Slovakia 63 G10
Koson *Town* Uzbekistan 85 I4
Kosovo *Country* 65 G10
Kostanay *Town* Kazakhstan 78 F6
Kostenets *Town* Bulgaria 66 F7

Kostroma *Town* Russian Federation 72 D8
Kostyantynivka *Town* Ukraine 69 M4
Koszalin *Town* Poland 62 D5
Kota *Town* India 86 H4
Kota Bharu *Town* Malaysia 96 E4
Kotabumi *Town* Indonesia 96 E7
Kota Kinabalu *Town* Malaysia 96 H4
Kotka *Town* Finland 49 H9
Kotlas *Town* Russian Federation 72 E7
Kotto *River* Central African Republic 42 G7
Koudougou *Town* Burkina Faso 41 I6
Koulamoutou *Town* Gabon 43 D10
Kourou *Town* French Guiana 26 I6
Kovel’ *Town* Ukraine 68 F2
Kozáni *Town* Greece 67 D9
Kozhikode *Town* India 86 H8 *see also* Calicut
Kpalimé *Town* Togo 41 J7
Kragujevac *Town* Serbia 64 G8
Kra, Isthmus of Thailand 95 D11
Kraków *Town* Poland 62 F8
Králáňh *Town* Cambodia 95 F10
Kraljevo *Town* Serbia 65 G9
Kramators’k *Town* Ukraine 69 L4
Krasnodar *Town* Russian Federation 73 B12
Krasnokamensk *Town* Russian Federation 79 K7
Krasnokamsk *Town* Russian Federation 72 F8
Krasnoyarsk *Town* Russian Federation 78 H6
Krasnystaw *Town* Poland 62 H8
Krasnyy Luch *Town* Ukraine 69 M5
Krefeld *Town* Germany 56 B7
Kremenchuk *Town* Ukraine 69 J4
Kreminna *Town* Ukraine 69 M4
Kresna *Town* Bulgaria 66 E7
Kristiansand Norway 49 B10
Kristianstad *Town* Sweden 49 D12
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Kritikó Pélagos *see* Crete, Sea of
Kriäevci *Town* Croatia 64 D5
Krolevets’ *Town* Ukraine 69 J2
Kroonstad *Town* South Africa 44 H7
Kropotkin *Town* Russian Federation 73 C11
Krosno *Town* Poland 63 G9
Krung Thep *see* Bangkok
Kruševac *Town* Serbia 65 G9
Kryms’kyy Pivostriv *see* Crimea
Kryvyi Rih *Town* Ukraine 69 J5
Ksar-el-Kebir *Town* Morocco 36 F4
Kuala Lipis *Town* Malaysia 96 E5
Kuala Lumpur *Capital* Malaysia 96 E5
Kuala Terengganu *Town* Malaysia 96 E5
Kualatungkal *Town* Indonesia 96 E6
Kuantan *Town* Malaysia 96 E5
Kuching *Town* Malaysia 96 G6
Kudus *Town* Indonesia 96 G8
Kugluktuk *Town* Nunavut, Canada 4 H5
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Kukës *Town* Albania 65 F11
Külob *Town* Tajikistan 85 J5
Kulu *Town* Turkey 76 F5
Kulunda Steppe *Plain* Kazakhstan 78 G6
Kumamoto *Town* Japan 93 B13
Kumanovo *Town* Macedonia 65 G11
Kumasi *Town* Ghana 41 I7
Kumba *Town* Cameroon 42 C8
Kumertau *Town* Russian Federation 73 G10
Kumo *Town* Nigeria 41 M6
Kumon Range *Mountain range* Myanmar 94 C4
Kungsbacka Sweden 49 C11
Kungur *Town* Russian Federation 73 G9
Kunlun Shan *Mountain range* China 88 E6
Kunming *Town* China 90 F7
Kuopio *Town* Finland 48 H8
Kupang *Town* Indonesia 97 J9
Kup’‘yans’k *Town* Ukraine 69 L3
Kura *River* Azerbaijan 77 N4
Kurashiki *Town* Japan 93 D12
Kurdistan *Cultural region* Turkey/Iraq 77 K6
Kürdzhali *Town* Bulgaria 66 F7
Kure *Town* Japan 93 C12
Kuressaare *Town* Estonia 70 E4
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Kuril’sk *Town* Russian Federation 78 N6
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Kurnool *Town* Pakistan 87 I7
Kursk *Town* Russian Federation 73 C9
Kurume *Town* Japan 93 B13
Kurupukari *Town* Guyana 26 G6
Kushiro *Town* Japan 92 H5
Kütahya *Town* Turkey 76 D5
K’ut’aisi *Town* Georgia 77 K2
Kuujjuaq *Town* Québec, Canada 7 I3
Kuwait *Country* 82 E8
Kuwait *Capital* Kuwait 82 E8
Kuwayt *Town* Iraq 82 D7
Kuytun *Town* China 88 E4
Kuznetsk *Town* Russian Federation 73 E10
Kwangju *Town* South Korea 91 M4
Kwango *River* Democratic Republic of Congo 43 E12
Kwilu *River* Democratic Republic of Congo 43 F11
Kyaikkami *Town* Myanmar 95 C9
Kyakhta *Town* Russian Federation 78 J7
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Kyôto *Town* Japan 93 E11
Kyrgyzstan *Country* 85 L3
Kýthira *Town* Greece 67 D13
Kyûshû *Island* Japan 93 C14
Kyustendil *Town* Bulgaria 66 D7
Kyyiv *see* Kiev
Kyzyl *Town* Russian Federation 78 H7
Kyzyl Kum *Desert* Uzbekistan 84 G2
Kyzylorda *Town* Kazakhstan 78 E7

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La Asunción *Town* Venezuela 26 F4
Laâyoune *Capital* Western Sahara 36 D6
Labé *Town* Guinea 40 F6
Labrador Sea Canada 7 M4
Laç *Town* Albania 65 E11
La Ceiba *Town* Honduras 20 G3
La Concepción *Town* Panama 21 K8
Laconia *Town* New Hampshire, USA 9 J4
La Coruña *see* A Coruña
La Crosse *Town* Wisconsin, USA 13 I5
La Cruz *Town* Costa Rica 20 H6
Lādhihiyah *Town* Syria 80 D7
Ladysmith *Town* Wisconsin, USA 13 I4
Lae *Town* Papua New Guinea 102 E5
Lafayette *Town* Louisiana, USA 10 E6
Lafayette *Town* Indiana, USA 13 K6
Lafia *Town* Nigeria 41 L7
Laghouat *Town* Algeria 36 H4
Lagoda, Lake Russian Federation 72 C6
Lagos *Town* Nigeria 41 K8
Lagos *Town* Portugal 58 E8
Lagos de Moreno *Town* Mexico 19 I7
Lahat *Town* Indonesia 96 E7
La Habana *see* Havana
Lahore *Town* Pakistan 86 H2
Lahti *Town* Finland 49 G9
Lai Châu *Town* Vietnam 94 E6
La Junta *Town* Colorado, USA 15 L6
Lake Charles *Town* Louisiana, USA 10 D6
Lake City *Town* Florida, USA 11 I6
Lake District *Physical region* England, UK 50 F8
Lake Havasu City *Town* Arizona, USA 16 D4
Lakeland *Town* Florida, USA 11 J7
Lakewood *Town* Colorado, USA 15 K6
Lalitpur *Town* Nepal 87 J3
La Louvière *Town* Belgium 53 D12
Lambaréné *Town* Gabon 43 C10
Lamezia *Town* Italy 61 G12
Lamía *Town* Greece 67 D10
Lampang *Town* Thailand 94 D8
Lámpeia *Town* Greece 67 C11
Lancaster *Town* Pennsylvania, USA 9 G7
Land’s End *Coastal feature* England, UK 51 D12
Landshut *Town* Germany 57 F10
Langres *Town* France 54 G7
Langsa *Town* Indonesia 96 D5
Lang So’ n *Town* Vietnam 94 G6
Länkäran *Town* Azerbaijan 77 N5
Lansing *Town* Michigan, USA 13 K5
Lanzhou *Town* China 89 I6

Laoag *Town* Philippines 97 I1
Laojunmiao *Town* China 88 H5
Laos *Country* 94 D7
La Paz *Capital* Bolivia 27 D12
La Paz *Town* Mexico 18 F6
La Perouse Strait Pacific Ocean 92 F3
Lapland *Cultural region* Finland/Norway/Sweden 48 E4
La Plata *Town* Argentina 30 G8
Lappeenranta *Town* Finland 49 H9
Laptev Sea Arctic Ocean 111 O4
Lapy *Town* Poland 62 G6
La Quiaca *Town* Argentina 30 E4
L’Aquila *Town* Italy 60 F8
Laracha *Town* Spain 58 E2
Laredo *Town* Spain 59 I2
Laredo *Town* Texas, USA 17 L8
Largo *Town* Florida, USA 11 I7
La Rioja *Town* Argentina 30 E7
Lárisa *Town* Greece 67 D9
Lärkäna *Town* Pakistan 86 F3
Lárnaka *Town* Cyprus 80 B8
la Rochelle *Town* France 55 C9
la Romana *Town* Dominican Republic 23 K5
Las Cruces *Town* New Mexico, USA 16 H5
La See d’Urgel *Town* Spain 59 L3
La Serena *Town* Chile 30 C7
Lashio *Town* Myanmar 94 C6
La Sirena *Town* Nicaragua 21 I5
La Spezia *Town* Italy 60 C6
Las Tablas *Town* Panama 21 M9
Las Tunas *Town* Cuba 22 G4
Las Vegas *Town* Nevada, USA 14 H7
Latina *Town* Italy 61 E9
La Tuque *Town* Québec, Canada 7 I6
Latvia *Country* 70 E6
Launceston *Town* Tasmania, Australia 105 K9
Laurel *Town* Montana, USA 15 J3
Laurentian Mountains *Mountain range* Québec, Canada 7 J6
Laurinburg *Town* North Carolina, USA 11 J4
Lausanne *Town* Switzerland 57 B12
Laval *Town* France 54 C7
Laval *Town* Québec, Canada 7 I7
La Vega *Town* Dominican Republic 23 J5
Lawrence *Town* Massachusetts, USA 9 J5
Lawton *Town* Oklahoma, USA 17 L4
Lázaro Cárdenas *Town* Mexico 19 I8
Leamington *Town* Ontario, Canada 6 F9
Lebak *Town* Philippines 97 J4
Lebanon *Country* 80 D8
Lebap *Town* Turkmenistan 84 G3
Lebu *Town* Chile 31 C9
Lecce *Town* Italy 61 I11
Leduc *Town* Alberta, Canada 4 H8
Leeds *Town* England, UK 50 G6
Leeuwarden *Town* Netherlands 52 F6
Leeward Islands *Island group* Caribbean Sea 23 N4
Legazpi City *Town* Philippines 97 J3
Legnica *Town* Poland 62 C7
le Havre *Town* France 54 D6
Leicester *Town* England, UK 51 G10
Leiden *Town* Netherlands 52 E8
Leinster *Cultural region* Ireland 51 C9
Leipzig *Town* Germany 56 F7
Lelystad *Town* Netherlands 52 F7
le Mans *Town* France 54 D7
Lemesós *see* Limassol
Lena River Russian Federation 79 J4
Lenine *Town* Ukraine 69 L7
Leningradskaya *Research station* Antarctica 110 E8
Leninogorsk *Town* Kazakhstan 78 H7
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Motagua, Río *River* Guatemala 20 E4
Motueka *Town* New Zealand 107 E9
Mould Bay *Town* Northwest Territories,
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Moulins *Town* France 54 F8
Moundou *Town* Chad 42 E7
Mount Cook *Town* New Zealand 107 C11
Mount Isa *Town* Queensland,
Australia 105 J4
Mount Magnet *Town* Western Australia,
Australia 104 E6
Mouscron *Town* Belgium 53 C11
Mo'ynoq *Town* Uzbekistan 84 F2
Mozambique *Country* 45 J5
Mozambique Channel Indian Ocean 45 K5
Mpika *Town* Zambia 45 I3
Muang Khōng *Town* Laos 95 G10
Muang Namo *Town* Laos 94 E7
Muang Phalan *Town* Laos 95 G9
Muar *Town* Malaysia 96 E5
Mudanjiang *Town* China 89 N3
Mufulira *Town* Zambia 44 H3
Mugi *Town* Japan 93 E12
Mukacheve *Town* Ukraine 68 E4
Mulhouse *Town* France 54 H8
Mull, Isle of *Island* Scotland, UK 50 D6
Mulongo *Town* Democratic Republic
of Congo 43 H12
Multān *Town* Pakistan 86 G2
Mumbai *Town* India 86 G6
Münchberg *Town* Germany 56 F8
München *see* Munich
Muncie *Town* Indiana, USA 13 K6
Munich *Town* Germany 57 F10
Munster *Cultural region* Ireland 51 B10
Münster *Town* Germany 56 C6
Muonionjoki *River* Sweden 48 F4
Muqāv *Town* Jordan 81 G10
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Murcia *Town* Spain 59 K7
Murmansk *Town* Russian Federation 72 E4
Murom *Town* Russian Federation 73 D9
Muroran *Town* Japan 92 F6
Murray River New South Wales/Victoria/
South Australia, Australia 105 K8
Murska Sobota *Town* Slovenia 57 H11
Murwāra *Town* India 87 I4
Murzuq, Idhān *Desert* Libya 37 K7
Muş *Town* Turkey 77 J5
Muscat *Capital* Oman 83 H9
Musgrave Ranges *Mountain range*
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Musoma *Town* Tanzania 39 E11
Mutare *Town* Zimbabwe 45 I5
Mutsu *Town* Japan 92 G6
Muttonbird Islands *Island group*
New Zealand 107 B14
Mwanza *Town* Tanzania 39 E12
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of Congo 43 F12
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Myanar *Country* 94 B5
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Myaungmya *Town* Myanmar 95 B9
Myingyan *Town* Myanmar 94 B6

Myitkyina *Town* Myanmar 94 C5
Mykolayiv *Town* Ukraine 69 J5
Myrhorod *Town* Ukraine 69 K3
Mýrina *Town* Greece 67 F9
Myrtle Beach *Town* South Carolina, USA 11 K4
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Mzuzu *Town* Malawi 45 J3

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Náblus *Town* Israel 81 D11

Nacala *Town* Mozambique 45 K4

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Nadvirna *Town* Ukraine 68 F4

Nadym *Town* Russian Federation 78 G5

Naga *Town* Philippines 97 J2

Nagano *Town* Japan 93 F10

Nagaoka *Town* Japan 93 F9

Nagasaki *Town* Japan 93 B14

Nagato *Town* Japan 93 C12

Nägercoil *Town* India 86 H9

Nagornyy Karabakh *Region* Azerbaijan 77 M4

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Nāgpur *Town* India 87 I5

Nagqu *Town* China 88 G7

Nagykanizsa *Town* Hungary 63 D12

Nagykörös *Town* Hungary 63 F11

Naha *Town* Ryukyu Islands 93 A16

Nā'in *Town* Iran 82 F7

Nain *Town* Newfoundland & Labrador, Canada 7 K3

Nairobi *Capital* Kenya 39 F11

Najin *Town* North Korea 91 M2

Najrān *Town* Saudi Arabia 83 C12

Nakagawa *Town* Japan 92 F4

Nakamura *Town* Japan 93 D13

Nakatsugawa *Town* Japan 93 F11

Nakhodka *Town* Russian Federation 79 M7

Nakhon Ratchasima *Town* Thailand 95 E9

Nakhon Sawan *Town* Thailand 95 D9

Nakhon Si Thammarat *Town* Thailand 95 D12

Nakuru *Town* Kenya 39 F11

Nal'chik *Town* Russian Federation 73 C13

Nālūt *Town* Libya 37 J5

Namangan *Town* Uzbekistan 85 K3

Nam Dinh *Town* Vietnam 94 G7

Namib Desert Namibia 44 E5

Namibe *Town* Angola 44 D4

Namibia *Country* 44 E5

Nampa *Town* Idaho, USA 14 H4

Nampula *Town* Mozambique 45 K4

Namur *Town* Belgium 53 E12

Nanaimo *Town* British Colombia, Canada 4 G9

Nancha *Town* China 89 M2

Nanchang *Town* China 91 J6

Nanchong *Town* China 90 H6

Nancy *Town* France 54 H7

Nānded *Town* India 86 H6

Nanfeng *Town* China 91 J7

Nanjing *Town* China 91 K5

Nanning *Town* China 90 H8

Nanping *Town* China 91 K7

Nanterre *Town* France 54 E6

Nantes *Town* France 54 C8

Nantucket *Town* Massachusetts, USA 9 K6

Nantucket Island Massachusetts, USA 9 K6

Nanyang *Town* China 91 I5

Napa *Town* California, USA 14 F6

Napier *Town* New Zealand 106 H7

Naples *Town* Italy 61 F10

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Napo, Rio *River* Peru 26 C8

Narathiwat *Town* Thailand 95 E13

Narita *Town* Japan 93 G10

Närpes *Town* Finland 48 F8

Närpiö *see* Närpes

Narva *Town* Estonia 70 H4

Narvik *Town* Norway 48 E4

Năsăud *Town* Romania 68 F5

Nāshik *Town* India 86 G5

Nashua *Town* New Hampshire, USA 9 J5

Nashville *Town* Tennessee, USA 10 G3

Nassau *Capital* Bahamas 22 G2

Nasser *Lake* Egypt 38 E6

Nata *Town* Botswana 44 H5

Natal *Town* Brazil 29 N3

Natitingou *Town* Benin 41 J6

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Nauru *Country* 102 H4

Nauta *Town* Peru 27 C9

Navapolatsk *Town* Belarus 70 G8

Navassa Island *Dependent territory* USA, Atlantic Ocean 22 H5

Navoiy *Town* Uzbekistan 85 I4

Navojoa *Town* Mexico 18 F5

Nawābshāh *Town* Pakistan 86 F3

Nayoro *Town* Japan 92 F4

Nay Pyi Taw *Capital* Myanmar 94 C7

Nazareth *Town* Israel 81 D10

Nazca *Town* Peru 27 C11

Nazilli *Town* Turkey 76 D6

Nazrēt *Town* Ethiopia 39 G9

N'Dalatando *Town* Angola 44 E2

Ndélé *Town* Central African Republic 42 F7

Ndjamena *Capital* Chad 42 D6

Neagh, Lough *Lake* Northern Ireland, UK 50 D8

Neápoli *Town* Greece 67 G14

Neápoli *Town* Greece 67 C9

Near Islands *Island Group* Alaska, USA 4 A3

Nebraska *State* USA 12 F5

Necochea *Town* Argentina 31 G10

Neftekamsk *Town* Russian Federation 73 F9

Negelē *Town* Ethiopia 39 G10

Negev *Desert* Israel 81 D12

Negombo *Town* Sri Lanka 87 I9

Negotin *Town* Serbia 64 H8

Negro, Rio *River* Brazil 28 G2

Neijiang *Town* China 90 G6

Nei Mongol Zizhiqu *see* Inner Mongolia

Neiva *Town* Colombia 26 B7

Nellore *Town* India 87 I7

Nelson *Town* New Zealand 107 E9

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Neufchâteau *Town* Belgium 53 F13

Neumünster *Town* Germany 56 D4

Neunkirchen *Town* Germany 57 C9

Neuquén *Town* Argentina 31 D10

Neustadt an der Weinstrasse *Town* Germany 57 C9

Neu-Ulm *Town* Germany 57 E10

Neuwied *Town* Germany 56 C8

Nevada *State* USA 14 H6

Nevinnomyssk *Town* Russian Federation 73 C11

Nevşehir *Town* Turkey 76 G5

New Amsterdam *Town* Guyana 26 G6

Newark *Town* New Jersey, USA 9 I7

Newark *Town* New York, USA 8 G5

New Bedford *Town* Massachusetts, USA 9 K6

Newberg *Town* Oregon, USA 14 F3

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New Caledonia *Island* New Caledonia 102 G8

New Caledonia *Dependent territory* France, Pacific Ocean 102 G7

Newcastle *Town* New South Wales, Australia 105 M7

Newcastle upon Tyne *Town* England, UK 50 F7

New Delhi *Capital* India 86 H3

Newfoundland *Island* Ontario, Canada 7 M5

Newfoundland & Labrador *Province* Canada 7 L4

Newfoundland Basin *Undersea feature* Atlantic Ocean 33 J2

New Glasgow *Town* Nova Scotia, Canada 7 L7

New Guinea *Island* Indonesia/Papua New Guinea 102 D5

New Hampshire *State* USA 9 J4

New Haven *Town* Connecticut, USA 8 I6

New Iberia *Town* Louisiana, USA 10 E6

New Jersey *State* USA 9 I7

Newman *Town* Western Australia, Australia 104 E4

New Mexico *State* USA 17 I4

New Orleans *Town* Louisiana, USA 10 F6

New Plymouth *Town* New Zealand 106 F7

Newport *Town* Vermont, USA 9 I3

Newport *Town* Wales, UK 51 F11

Newport News *Town* Virginia, USA 11 L3

New Providence Island Bahamas 22 G2

Newquay *Town* England, UK 51 E12

Newry *Town* Northern Ireland, UK 50 D8

New Siberian Islands *Island group* Russian Federation 79 K3

New South Wales *State* Australia 105 L7

Newtownabbey *Town* Northern Ireland, UK 50 D7

New York *State* USA 8 G5

New York *Town* New York, USA 9 I7

New Zealand *Country* 107 E9

Ngaoundéré *Town* Cameroon 42 D7

Ngo *Town* Congo 43 D10

Nguigmi *Town* Niger 41 M5

Nha Trang *Town* Vietnam 95 H10

Niagara Falls *Town* Ontario, Canada 6 G8

Niagara Falls *Town* New York, USA 8 E5

Niagara Falls Waterfall Canada/USA 8 E6

Niamey *Capital* Niger 41 J5

Nia-Nia *Town* Democratic Republic of Congo 43 H9

Nicaragua *Country* 20 H5

Nicaragua, Lago de *Lake* Nicaragua 21 I6

Nice *Town* France 55 H11

Nicholls *Town* Town Bahamas 22 F2

Nicobar Islands *Island group* India 87 M8

Nicosia *Capital* Cyprus 80 B8

Nicoya *Town* Costa Rica 20 H7

Nicoya, Golfo de *Gulf* Costa Rica 21 I7

Nida *Town* Lithuania 70 C6

Nieuw-Bergen *Town* Netherlands 53 F9

Nigde *Town* Turkey 76 G6

Niger *Country* 41 K5

Niger River Niger/Nigeria 41 J6

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Niger, Mouths of the *Coastal feature* Nigeria 41 K8

Niigata *Town* Japan 93 F9

Niihama *Town* Japan 93 D12

Niitsu *Town* Japan 93 F9

Nijmegen *Town* Netherlands 53 F9

Nikiniki *Town* Indonesia 97 J8

Nikopol' *Town* Ukraine 69 K5

Niksić *Town* Montenegro 65 E10

Nile River East Africa 38 E5

Nile Delta Egypt 38 E4

Nîmes *Town* France 55 F11

Ninetyeast Ridge *Undersea feature* Indian Ocean 99 K4

Ninety Mile Beach *Coastal feature* New Zealand 106 E3

Ningbo *Town* China 91 L6

Ningxia *Administrative region* China 89 J6

Niort *Town* France 54 D8

Nipigon, Lake Québec, Canada 6 E6

Niš *Town* Serbia 65 H9

Niṣab *Town* Saudi Arabia 82 D8

Nitra *Town* Slovakia 63 E10

Niue *Dependent territory* New Zealand, Pacific Ocean 103 K7

Nizāmābād *Town* India 87 I6

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Nubian Desert Sudan 38 E6
Nueva Gerona *Town* Cuba 22 D3
Nueva Rosita *Town* Mexico 19 I4
Nuevitas *Town* Cuba 22 G4
Nuevo Casas Grandes *Town* Mexico 18 G3
Nuevo Laredo *Town* Mexico 19 J4
Nuku’ alofa *Capital* Tonga 103 K8
Nukus *Town* Uzbekistan 84 F2
Nullarbor Plain Australia 104 G6
Nunavut *Province* Canada 5 J5
Nuneaton *Town* England, UK 51 G10
Nuremberg *Town* Germany 57 E9
Nürnberg *see* Nuremberg
Nurota *Town* Uzbekistan 85 I4
Nusa Tenggara *see* Lesser Sunda Islands
Nusaybin *Town* Turkey 77 J6
Nuuk *Town* Greenland 111 B8
Nyagan’ *Town* Russian Federation 78 G5
Nyaiñqentanglha Shan *Mountain range* China 88 G8
Nyala *Town* Sudan 38 C8
Nyamapanda *Town* Mozambique 45 I4
Nyasa, Lake Malawi 45 J3
Nyeri *Town* Kenya 39 F11
Nyíregyháza *Town* Hungary 63 G10
Nyköbing *Town* Denmark 49 C13
Nyköping *Town* Sweden 49 E10
Nzega *Town* Tanzania 39 E12

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Oakland *Town* California, USA 14 F6
Oakland *Town* Maryland, USA 8 E8
Oamaru *Town* New Zealand 107 D12
Oaxaca *Town* Mexico 19 L8
Ob’ River Russian Federation 78 G4
Obihiro *Town* Japan 92 G5
Obock *Town* Djibouti 38 G8
Ocala *Town* Florida, USA 11 I7
Ocaña *Town* Spain 59 I6
Occidental, Cordillera *Mountain range* Peru 27 C11
Ocean Falls *Town* British Colombia, Canada 4 F8
Oceanside *Town* California, USA 14 G8
Ochakiv *Town* Ukraine 69 I6
Och’amch’ire *Town* Georgia 77 J2
Ocozocuautla *Town* Mexico 19 M8
Ôdate *Town* Japan 92 F7
Ödemiş *Town* Turkey 76 C5
Odense *Town* Denmark 49 B12
Oder River Poland 62 C6
Odesa *Town* Ukraine 69 I6
Odessa *Town* Texas, USA 17 J6
Odienné *Town* Côte d’Ivoire 40 G7
Offenbach *Town* Germany 56 D8
Offenburg *Town* Germany 57 C10
Ogaden Plateau Ethiopia 39 H9
Ôgaki *Town* Japan 93 E11
Ogbomoshô *Town* Nigeria 41 K7
Ogden *Town* Utah, USA 15 I5
Ogdensburg *Town* New York, USA 9 H3
Ohio State USA 13 L6
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Ohrid *Town* Macedonia 65 F12
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Ohura *Town* New Zealand 106 G7
Oirschot *Town* Netherlands 53 F10
Ôita *Town* Japan 93 C13
Ojinaga *Town* Mexico 18 H3
Okāra *Town* India 86 H2
Okavango Delta Botswana 44 G5
Okayama *Town* Japan 93 D12
Okazaki *Town* Japan 93 F11
Okeechobee, Lake Florida, USA 11 J8
Okfenokee Swamp *Wetlands* Georgia, USA 11 I6
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Okinawa Island Ryukyu Islands 93 A16
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Oktyabr’skiy *Town* Russian Federation 73 F10
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Olavarria *Town* Argentina 31 F9
Oldenburg *Town* Germany 56 D5
Olëkminsk *Town* Russian Federation 78 K5
Oleksandrivka *Town* Ukraine 69 J4
Oleksandriya *Town* Ukraine 69 J4
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Olenëk *Town* Russian Federation 78 J4
Olifa *Town* Namibia 44 E4
Olivet *Town* France 54 E7
Olmalıq *Town* Uzbekistan 85 J4
Olomouc *Town* Czech Republic 63 D9
Olovyannaya *Town* Russian Federation 78 K7
Olpe *Town* Germany 56 C7
Olshzyn *Town* Poland 62 F5
Olympia *Town* Washington, USA 14 F2
Ôlympos *Mountain* Greece 67 D9
Omagh *Town* Northern Ireland, UK 50 C8
Omaha *Town* Nebraska, USA 12 G6
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Omsk *Town* Russian Federation 78 G6
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Onega *Town* Russian Federation 72 D6
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Ongele *Town* India 87 I7
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Opava *Town* Czech Republic 63 E9
Opochka *Town* Russian Federation 72 B7
Opole *Town* Poland 62 E8
Oradea *Town* Romania 68 D5
Oran *Town* Algeria 36 G3
Orange *Town* France 55 F11
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Oranjestad *Capital* Aruba 23 J8
Oravipa *Town* Romania 68 D6
Orcadas *Research station* Antarctica 110 B3
Ordu *Town* Turkey 76 H4
Orealla *Town* Guyana 26 G6
Örebro *Town* Sweden 49 D10
Oregon State USA 14 H4
Orël *Town* Russian Federation 73 C9
Orem *Town* Utah, USA 15 J5
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Orenburg *Town* Russian Federation 73 F11
Orense *see* Ourense
Oreor *Capital* Palau 102 C3
Orestíada *Town* Greece 66 G7
Orihuela *Town* Spain 59 K7
Orinoco, Río *River* Venezuela 26 F5
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Orkney Islands *Island group* Scotland, UK 50 E3
Orlando *Town* Florida, USA 11 J7
Orléans *Town* France 54 E7
Orleans *Town* Massachusetts, USA 9 L6
Örnsköldsvik *Town* Sweden 48 E7
Orsha *Town* Belarus 71 G9
Orsk *Town* Russian Federation 73 G11
Ortona *Town* Italy 60 F8
Oruro *Town* Bolivia 27 E12
Ôsaka *Town* Japan 93 E12
Osh *Town* Kyrgyzstan 85 K4
Oshawa *Town* Ontario, Canada 6 H8
Oshkosh *Town* Wisconsin, USA 13 J4
Osijek *Town* Croatia 64 E6
Oslo *Capital* Norway 49 C10
Osmaniye *Town* Turkey 76 H6
Osnabrück *Town* Germany 56 C6
Osorno *Town* Chile 31 C10
Oss *Town* Netherlands 53 F9
Ossora *Town* Russian Federation 78 M4
Ostend *Town* Belgium 53 C10
Östersund *Town* Sweden 48 D8
Ostiglia *Town* Italy 60 E5

Ostrava *Town* Czech Republic 63 E9
Ostrołęka *Town* Poland 62 G6
Ostrov *Town* Russian Federation 72 B7
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Ostrów Wielkopolski *Town* Poland 62 E7
Ôsumi-shotô *Island group* Japan 93 B15
Oswego *Town* New York, USA 8 G5
Otago Peninsula New Zealand 107 C13
Otaru *Town* Japan 92 F5
Otawara *Town* Japan 93 G9
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Ôtsu *Town* Japan 93 E11
Ottawa *Capital* Canada 6 H7
Ottumwa *Town* Iowa, USA 13 I6
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Ouanary *Town* French Guiana 26 I6
Ouarâne *Desert* Mauritania 40 G3
Ouargla *Town* Algeria 37 I5
Ouarzazate *Town* Morocco 36 E5
Ouéssô *Town* Congo 43 E9
Oujda *Town* Morocco 36 G4
Oulu *Town* Finland 48 G6
Oupeye *Town* Belgium 53 F11
Ourense *Town* Spain 58 F3
Outer Hebrides *Island group* Scotland, UK 50 C4
Ovalle *Town* Chile 30 C7
Oviedo *Town* Spain 58 G2
Ovruch *Town* Ukraine 68 H2
Owensboro *Town* Kentucky, USA 10 G2
Owen Stanley Range *Mountain range* Papua New Guinea 102 E5
Owerri *Town* Nigeria 41 L8
Owo *Town* Nigeria 41 K7
Oxford *Town* New Zealand 107 E11
Oxford *Town* England, UK 51 G11
Oxnard *Town* California, USA 14 G8
Oyama *Town* Japan 93 G10
Oyem *Town* Gabon 43 C9
Oyo *Town* Nigeria 41 K7
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Pabianice *Town* Poland 62 E7
Pabna *Town* Bangladesh 87 L4
Pachuca *Town* Mexico 19 K7
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Paderborn *Town* Germany 56 D7
Padova *Town* Italy 60 E5
Paducah *Town* Kentucky, USA 10 G3
Pago Pago *Capital* American Samoa 103 K6
Paide *Town* Estonia 70 G4
Päijänne *Lake* Finland 48 G8
Painted Desert Arizona, USA 16 F3
Paisley *Town* Scotland, UK 50 E6
Pais Vasco *see* Basque Country, The
Pakistan *Country* 86 F3
Pakokku *Town* Myanmar 94 B6
Paks *Town* Hungary 63 E12
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Pālanpur *Town* India 86 G4
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Palembang *Town* Indonesia 96 E7
Palencia *Town* Spain 58 H4
Palenque *Ancient site* Mexico 19 N8
Palermo *Town* Sicily, Italy 61 E12
Pāli *Town* India 86 G4
Palikir *Capital* Micronesia 102 G3
Palliser, Cape *Coastal feature* New Zealand 107 G9
Palma *Town* Mallorca, Spain 59 M6
Palmas do Tocantis *Town* Brazil 29 K4
Palma Soriano *Town* Cuba 22 G4
Palmer *Research station* Antarctica 110 B4
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Palmerston North *Town* New Zealand 106 G8

Palmi *Town* Italy 61 G12
Palmira *Town* Colombia 26 B6
Palm Springs *Town* California, USA 14 H8
Palmyra *see* Tudmur
Palmyra Atoll *Dependent territory* USA, Pacific Ocean 103 M3
Palo Alto *Town* California, USA 14 F6
Palu *Town* Indonesia 97 I6
Pamirs *Mountain range* Tajikistan 85 K5
Pampas *Plain* Argentina 30 E8
Pamplona *Town* Spain 59 J3
Panaji *Town* India 86 G7
Panama *Country* 21 L8
Panama Canal Panama 21 L8
Panama City *Capital* Panama 21 M8
Panama, Gulf of Panama 21 M9
Pančevo *Town* Serbia 64 G7
Panevėāys *Town* Lithuania 70 E7
Pangkalpinang *Town* Indonesia 96 F6
Pantanal *Wetlands* Brazil 29 I6
Panyabungan *Town* Indonesia 96 D6
Panzhihua *Town* China 90 F7
Papantla *Town* Mexico 19 K7
Papeete *Capital* French Polynesia 103 N7
Papua *Province* Indonesia 97 N7
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Paraguay *Country* 30 G4
Paraguay River Argentina/Paraguay 30 G5
Parakou *Town* Benin 41 J7
Paramaribo *Capital* Suriname 26 H6
Paraná *Town* Argentina 30 F7
Paraná River Argentina/Paraguay 30 H6
Pardubice *Town* Czech Republic 63 C9
Parechcha *Town* Belarus 70 D8
Parecis, Chapada dos *Mountain range* Brazil 28 H5
Parepare *Town* Indonesia 97 I7
Paria, Gulf of Trinidad & Tobago 23 O9
Paris *Capital* France 54 E6
Parma *Town* Italy 60 D6
Parnaíba *Town* Brazil 29 L2
Pärnu *Town* Estonia 70 F4
Parral *Town* Chile 31 C9
Parramatta *Town* New South Wales, Australia 105 M7
Pasadena *Town* California, USA 14 G8
Pasadena *Town* Texas, USA 17 N7
Pasco *Town* Washington, USA 14 G3
Pasinler *Town* Turkey 77 J4
Pasni *Town* Pakistan 86 E3
Passau *Town* Germany 57 G10
Passo Fundo *Town* Brazil 29 J8
Pasto *Town* Colombia 26 B7
Patagonia *Region* Argentina 31 D12
Paterson *Town* New Jersey, USA 9 I7
Pathain *Town* Myanmar 94 B8
Patna *Town* India 87 J4
Patnos *Town* Turkey 77 K5
Pátra *Town* Greece 67 C11
Pau *Town* France 55 C11
Paulatuk *Town* Northwest Territories, Canada 4 H5
Pavia *Town* Italy 60 C5
Pāvilosta *Town* Latvia 70 D5
Pavlodar *Town* Kazakhstan 78 G7
Pavlohrad *Town* Ukraine 69 L4
Pawtucket *Town* Rhode Island, USA 8 J6
Paysandú *Town* Uruguay 30 H7
Pazar *Town* Turkey 77 J3
Pazardzhik *Town* Bulgaria 66 F7
Pearl River Mississippi, USA 10 F5
Peawanuk *Town* Ontario, Canada 6 F4
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Peloponnese *Peninsula* Greece 67 D12
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Pematangsiantar *Town* Indonesia 96 D5
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Pennines Hills England, UK 50 F8
Pennsylvania State USA 8 F7
Penonomé Town Panama 21 L8
Penrith Town England,UK 50 F7
Pensacola Town Florida, USA 10 G6
Penza Town Russian Federation 73 D10
Penzance Town England, UK 51 D12
Peoria Town Illinois, USA 13 J6
Perchtoldsdorf Town Austria 57 H10
Pereira Town Colombia 26 B6
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Perth Town Western Australia, Australia 104 E7
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Perugia Town Italy 60 E8
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Port Said Town Egypt 38 E4
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Potenza Town Italy 61 G10
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Potsdam Town Germany 56 F6
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Poza Rica Town Mexico 19 K7
Požega Town Serbia 65 F9
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Pozzallo Town Sicily, Italy 61 F14
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Pyatigorsk Town Russian Federation 73 C11
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Pýlos Town Greece 67 C12
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Quilon Town India 86 H9 *see also* Kollam
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Rāichūr *Town* India 86 H6
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Rawlins *Town* Wyoming, USA 15 K5
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Razgrad *Town* Bulgaria 66 G5
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Recongne *Town* Belgium 53 E13
Reconquista *Town* Argentina 30 G6
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Regensburg *Town* Germany 57 F9
Reggane *Town* Algeria 36 G6
Reggio di Calabria *Town* Italy 61 G13
Reggio nell' Emilia *Town* Italy 60 D6
Regina *Town* Saskatchewan, Canada 5 I9
Rehovot *Town* Israel 81 D11
Reims *Town* France 54 F6
Rengat *Town* Indonesia 96 E6
Rennes *Town* France 54 C7
Reno *Town* Nevada, USA 14 G5
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Republika Srpska *Administrative region* Bosnia & Herzegovina 64 D7
Repulse Bay *Town* Nunavut, Canada 5 K5
Resistencia *Town* Argentina 30 G6
Reșița *Town* Romania 68 D6
Resolute *Town* Nunavut, Canada 5 J3
Réunion *Dependent territory* France, Indian Ocean 45 O6
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Reutlingen *Town* Germany 57 D10
Reyes *Town* Bolivia 27 E11
Reykjavík *Capital* Iceland 111 D9

Reynosa *Town* Mexico 19 K5
Rēzekne *Town* Latvia 70 G7
Rheine *Town* Germany 56 C6
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Rhodes *Town* Greece 67 I13
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Rhône River France 55 F11
Ribeirão Preto *Town* Brazil 29 K7
Ribnīpa *Town* Moldova 68 H5
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Richmond *Town* Virginia, USA 11 K2
Ried im Innkreis *Town* Austria 57 G10
Riga *Capital* Latvia 70 E5
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Rijeka *Town* Croatia 64 B6
Rimini *Town* Italy 60 E7
Rimouski *Town* Québec, Canada 7 J6
Riobamba *Town* Ecuador 26 A8
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Río Cuarto *Town* Argentina 30 E8
Rio de Janeiro *Town* Brazil 29 L7
Río Gallegos *Town* Argentina 31 E14
Río Grande *Town* Brazil 29 J9
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River Falls *Town* Wisconsin, USA 13 I4
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Riverton *Town* Wyoming, USA 15 K4
Rivne *Town* Ukraine 68 G2
Rivoli *Town* Italy 60 B5
Riyadh *Capital* Saudi Arabia 83 D9
Road Town *Capital* British Virgin Islands 23 M5
Rize *Town* Turkey 77 J3
Roanoke *Town* Virginia, USA 11 J3
Roatán *Town* Honduras 20 G3
Robinson Range *Mountain range* Western Australia, Australia 104 F5
Robstown *Town* Texas, USA 17 L8
Rochefort *Town* Belgium 53 E12
Rochefort *Town* France 55 D9
Rochester *Town* New York, USA 8 F5
Rochester *Town* Minnesota, USA 13 I4
Rockford *Town* Illinois, USA 13 J5
Rockhampton *Town* Queensland, Australia 105 M4
Rock Hill *Town* South Carolina, USA 11 J4
Rock Sound *Town* Bahamas 22 G2
Rocky Mountains Canada/USA 4, 14
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Roeselare *Town* Belgium 53 C11
Rogatica *Town* Bosnia & Herzegovina 64 E8
Rogers *Town* Arkansas, USA 10 D3
Roi Et *Town* Thailand 95 F9
Rokycany *Town* Czech Republic 63 B9
Roma *Town* Queensland, Australia 105 M5
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Rome *Capital* Italy 61 E9
Romny *Town* Ukraine 69 J2
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Ronne Ice Shelf *Ice feature* Antarctica 110 C5
Roosendaal *Town* Netherlands 53 D10
Røros *Town* Norway 48 C8
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Rosarito *Town* Mexico 18 C2
Roseau *Capital* Dominica 23 O6
Rosenheim *Town* Germany 57 F10
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Ross *Town* New Zealand 107 D10
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Rosso *Town* Mauritania 40 E4
Rossosh' *Town* Russian Federation 73 C10
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Rostock *Town* Germany 56 F4
Rostov-na-Donu *Town* Russian Federation 73 C11
Roswell *Town* New Mexico, USA 17 I5
Rothera *Research station* Antarctica 110 B5

Rotorua *Town* New Zealand 106 G6
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Rotterdam *Town* Netherlands 53 E9
Roubaix *Town* France 54 F5
Rouen *Town* France 54 E6
Round Rock *Town* Texas, USA 17 L6
Rovigo *Town* Italy 60 E6
Roxas City *Town* Philippines 97 J3
Rozdol'ne *Town* Ukraine 69 J6
Rožňava *Town* Slovakia 63 F10
Ruatoria *Town* New Zealand 106 I6
Rubizhne *Town* Ukraine 69 M4
Rudnyy *Town* Kazakhstan 78 E6
Rudzyensk *Town* Belarus 71 E10
Rufino *Town* Argentina 30 F8
Rukwa, Lake Tanzania 39 E13
Ruoqiang *Town* China 88 F5
Ruse *Town* Bulgaria 66 G5
Rushmore, Mount *Mountain* South Dakota, USA 12 E4
Russellville *Town* Arkansas, USA 10 E3
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Rust'avi *Town* Georgia 77 L3
Ruston *Town* Louisiana, USA 10 E5
Rutland *Town* Vermont, USA 9 I4
Rwanda *Country* 39 D12
Ryazan' *Town* Russian Federation 73 D9
Rybinsk *Town* Russian Federation 72 D8
Rybnik *Town* Poland 62 E8
Ryki *Town* Poland 62 G7
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Rzhev *Town* Russian Federation 72 C8

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Saarbrücken *Town* Germany 57 C9
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Sabah *Cultural region* Malaysia 96 H5
Sabaya *Town* Bolivia 27 D12
Sabhā *Town* Libya 37 K6
Sabinas *Town* Mexico 19 I4
Sabinas Hidalgo *Town* Mexico 19 J4
Sable Island Québec, Canada 7 M7
Sabzevār *Town* Iran 82 G5
Sacramento *Town* California, USA 14 F6
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Šafāshahr *Town* Iran 82 F7
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Sahara *Desert* North Africa 36–37, 40–41
Sahel *Desert* North Africa 41 K5
Saīda *Town* Lebanon 81 D9
Saiki *Town* Japan 93 C13
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Saint Albans *Town* West Virginia, USA 11 I2
St Andrews *Town* Scotland, UK 50 F6
St. Anthony *Town* Newfoundland & Labrador, Canada 7 M4
Saint Augustine *Town* Florida, USA 11 J6
St-Brieuc *Town* France 54 B6
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St-Chamond *Town* France 55 F10
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St-Étienne *Town* France 55 F10
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St-Georges *Town* French Guiana 26 I6
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St Helier *Capital* Jersey, Channel Islands 51 G13
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Saint John *Town* New Brunswick, Canada 7 K7
St John's *Capital* Antigua & Barbuda 23 N5
St. John's *Town* Newfoundland & Labrador, Canada 7 N5
Saint Joseph *Town* Missouri, USA 12 H7
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St-Laurent-du-Maroni *Town* French Guiana 26 H6
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Saint Lawrence Island Alaska, USA 4 D4
Saint Louis *Town* Senegal 40 E5
Saint Louis *Town* Illinois, USA 13 J7
St. Lucia *Country* 23 O7
St Lucia Channel Martinique 23 O7
St-Malo *Town* France 54 C6
St. Moritz *Town* Switzerland 57 D12
St-Nazaire *Town* France 54 B8
St-Omer *Town* France 54 E5
Saint Paul *Town* Minnesota, USA 13 I4
St Peter Port *Capital* Guernsey, Channel Islands 51 F13
Saint Petersburg *Town* Russian Federation 72 C7
Saint Petersburg *Town* Florida, USA 11 I8
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St-Quentin *Town* France 54 F6
Saint Vincent *Island* St Vincent and the Grenadines 23 O7
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Salado, Río *River* Argentina 30 F6
Salamanca *Town* Chile 30 C7
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Salavat *Town* Russian Federation 73 G10
Saldus *Town* Latvia 70 D5
Salé *Town* Morocco 36 F4
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Salem *Town* Oregon, USA 14 F3
Salerno *Town* Italy 61 F10
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Salima *Town* Malawi 45 J3
Salina *Town* Kansas, USA 12 G7
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Salinas *Town* California, USA 14 F7
Salisbury *Town* Maryland, USA 9 H9
Salonica *Town* Greece 66 E8
Salonta *Town* Romania 68 D5
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Salta *Town* Argentina 30 E5
Saltillo *Town* Mexico 19 J5
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Salto *Town* Uruguay 30 G7
Salvador *Town* Brazil 29 M5
Salween River Myanmar 94 C7
Salyān *Town* Nepal 87 J3
Salzburg *Town* Austria 57 F10
Salzgitter *Town* Germany 56 E6
Samalayuca *Town* Mexico 18 G3
Samar *Island* Philippines 97 K3
Samara *Town* Russian Federation 73 E10
Samarinda *Town* Indonesia 97 I6
Samarqand *Town* Uzbekistan 85 I4
Šamaxi *Town* Azerbaijan 77 N3
Sambalpur *Town* India 87 J5
Samoa *Country* 103 K6
Sampit *Town* Indonesia 96 G7
Samsun *Town* Turkey 76 H3
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Samui, Ko *Island* Thailand 95 D12
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San Andrés Tuxtla *Town* Mexico 19 L8
San Angelo *Town* Texas, USA 17 K6
San Antonio *Town* Chile 30 C8
San Antonio *Town* Texas, USA 17 L7
San Antonio Oeste *Town* Argentina 31 E10
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San Bernardino *Town* California, USA 14 G8
San Carlos de Bariloche *Town* Argentina 31 D10
San Cristóbal *Town* Venezuela 26 C5
San Cristóbal de Las Casas *Town* Mexico 19 N8
Sancti Spiritus *Town* Cuba 22 F3
Sandakan *Town* Malaysia 97 I4
Sand Hills *Mountain range* Nebraska, USA 12 E5
San Diego *Town* California, USA 14 G9
Sandpoint *Town* Idaho, USA 14 H2
Sandvika *Norway* 49 B9
Sandy City *Town* Utah, USA 15 I5
San Fernando *Town* Venezuela 26 E5
San Fernando *Town* Spain 58 G9
San Fernando *Town* Trinidad & Tobago 23 O9
San Fernando del Valle de Catamarca *Town* Argentina 30 E6
San Francisco *Town* California, USA 14 F6
San Francisco del Oro *Town* Mexico 18 H5
San Francisco de Macoris *Town* Dominican Republic 23 J5
San Ignacio *Town* Guatemala 20 E2
San Ignacio *Town* Mexico 18 E5
San Joaquin Valley *California*, USA 14 F7
San Jorge, Golfo *Gulf* Argentina 31 E12
San José *Town* Bolivia 27 F12
San José *Capital* Costa Rica 21 J7
San José *Town* Guatemala 20 D5
San Jose *Town* California, USA 14 F6
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San Juan *Town* Argentina 30 D7
San Juan del Norte *Town* Nicaragua 21 J6
San Juan Mountains *New Mexico/Colorado*, USA 16 H3
Sankt Gallen *Town* Switzerland 57 E11
Sankt-Peterburg *see* Saint Petersburg
Sankt Pölten *Town* Austria 57 H10
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Şanlıurfa *Town* Turkey 77 I6
San Luis *Town* Guatemala 20 E3
San Luis *Town* Argentina 30 E8
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San Marino *Country* 60 E7
San Marino *Capital* San Marino 60 E7
San Martín *Research station* Antarctica 110 B5
San Matías *Town* Bolivia 27 G12
San Matías, Golfo *Gulf* Argentina 31 F10
Sanmenxia *Town* China 91 I4
San Miguel *Town* El Salvador 20 F5
San Miguel *Town* Mexico 19 I4
San Miguel de Tucumán *Town* Argentina 30 E6
San Miguelito *Town* Panama 21 M8
Sanming *Town* China 91 K7
San Pedro *Town* Belize 20 F2
San Pedro de la Cueva *Town* Mexico 18 F4
San Pedro de Lloc *Town* Peru 27 A9
San Pedro Mártir, Sierra *Mountain range* Mexico 18 D3
San Pedro Sula *Town* Honduras 20 F3
San Rafael *Town* Argentina 30 D8
San Remo *Town* Italy 60 B6
San Salvador *Capital* El Salvador 20 F5
San Salvador de Jujuy *Town* Argentina 30 E5
Sansanné-Mango *Town* Togo 41 J6
Sansepolcro *Town* Italy 60 E7
San Severo *Town* Italy 61 G9
Santa Ana *Town* California, USA 14 G8
Santa Ana *Town* El Salvador 20 E4
Santa Barbara *Town* California, USA 14 G8
Santa Clara *Town* Cuba 22 E3
Santa Cruz *Town* Bolivia 27 F12
Santa Fe *Town* New Mexico, USA 16 H3

Santa Fe *Town* Argentina 30 F7
Santa Maria *Town* Brazil 29 J8
Santa Marta *Town* Colombia 26 C4
Santander *Town* Spain 59 I2
Santarém *Town* Brazil 29 I2
Santa Rosa *Town* Argentina 31 E9
Santa Rosa *Town* California, USA 14 F6
Santa Rosa de Copán *Town* Honduras 20 F4
Santiago *Capital* Chile 30 D8
Santiago *Town* Dominican Republic 23 J5
Santiago *Town* Spain 58 F3
Santiago de Cuba *Town* Cuba 22 G5
Santiago del Estero *Town* Argentina 30 E6
Santo Domingo *Capital* Dominican Republic 23 J5
Santo Domingo de los Colorados *Town* Ecuador 26 A7
Santorini *Town* Greece 67 G13
Santos *Town* Brazil 29 K7
Santo Tomé *Town* Argentina 30 H6
San Vicente *Town* El Salvador 20 F5
São Fransisco, Rio *River* Brazil 29 L4
Sao Hill *Town* Tanzania 39 F13
São José do Rio Preto *Town* Brazil 29 K6
São Luis *Town* Brazil 29 L2
São Paulo *Town* Brazil 29 K7
São Roque, Cabo de *Coastal feature* Brazil 29 N3
São Tomé *Capital* São Tomé & Príncipe 43 B10
São Tomé & Príncipe *Country* 43 B9
Sapele *Town* Nigeria 41 K8
Sapporo *Town* Japan 92 F5
Saqqez *Town* Iran 82 D6
Sarajevo *Capital* Bosnia & Herzegovina 64 E8
Sarakhs *Town* Iran 82 H5
Saraktaash *Town* Russian Federation 73 G11
Saran’ *Town* Kazakhstan 78 F7
Saransk *Town* Russian Federation 73 E9
Saratov *Town* Russian Federation 73 D10
Sarawak *Cultural region* Malaysia 96 G6
Sardegna *see* Sardinia
Sardinia *Island* Italy 61 A9
Sargasso Sea *Atlantic Ocean* 33 I3
Sargodha *Town* Pakistan 86 G2
Sarh *Town* Chad 42 E7
Sāri *Town* Iran 82 F5
Sariwōn *Town* North Korea 91 L3
Sark Island *Channel Islands*, UK 51 G13
Sarmiento *Town* Argentina 31 D12
Sarnia *Town* Ontario, Canada 6 F8
Sarny *Town* Ukraine 68 G2
Sasebo *Town* Japan 93 B13
Saskatchewan *River* Saskatchewan, Canada 5 I8
Saskatchewan *Province* Canada 5 I8
Saskatoon *Town* Saskatchewan, Canada 5 I8
Sasovo *Town* Russian Federation 73 D9
Sassari *Town* Sardinia, Italy 61 B9
Sātpura Range *Mountain range* India 86 H5
Sattanen *Town* Finland 48 G5
Satu Mare *Town* Romania 68 E4
Saudi Arabia *Country* 83 D10
Sault Ste. Marie *Town* Ontario, Canada 6 F7
Sava River *Serbia* 64 F8
Savá *Town* Honduras 20 H3
Savannah *Town* Georgia, USA 11 J5
Savannah River *Georgia/South Carolina*, USA 11 I5
Saverne *Town* France 54 H7
Savona *Town* Italy 60 C6
Savu Sea *Indonesia* 97 J8
Sawhāj *Town* Egypt 38 E5
Saxony *Region* Germany 56 G7
Saýat *Town* Turkmenistan 84 H4
Sayhūt *Town* Yemen 83 F12
Saynshand *Town* Mongolia 89 J4
Say’ün *Town* Yemen 83 E12
Scarborough *Town* England, UK 50 H8
Schaerbeek *Town* Belgium 53 D11
Schagen *Town* Netherlands 52 E7
Schefferville *Town* Newfoundland & Labrador, Canada 7 J4
Scheldt *River* Belgium 53 D10
Schenectady *Town* New York, USA 8 I5
Schwandorf *Town* Germany 57 F9

Schwaz *Town* Austria 57 F11
Schweinfurt *Town* Germany 56 E8
Schwerin *Town* Germany 56 E5
Schwyz *Town* Switzerland 57 D11
Scilly, Isles of *Island group* England, UK 51 D13
Scotland *Political region* UK 50 E5
Scott Base *Research station* Antarctica 110 E7
Scottsbluff *Town* Nebraska, USA 12 E5
Scottsdale *Town* Arizona, USA 16 E5
Scranton *Town* Pennsylvania, USA 8 H6
Seattle *Town* Washington, USA 14 G2
Sébaco *Town* Nicaragua 20 H5
Sedan *Town* France 54 G6
Sedona *Town* Arizona, USA 16 E4
Seesen *Town* Germany 56 E6
Segezha *Town* Russian Federation 72 D6
Ségou *Town* Mali 40 H5
Segovia *Town* Spain 58 H5
Séguédine *Town* Niger 41 M3
Seine *River* France 54 E6
Sekondi-Takoradi *Town* Ghana 41 I8
Selby *Town* South Dakota, USA 12 F4
Selwyn Range *Mountain range* Queensland, Australia 105 K4
Semarang *Town* Indonesia 96 G8
Semipalatinsk *Town* Kazakhstan 78 G7
Semnān *Town* Iran 82 F6
Sendai *Town* Japan 93 B14
Sendai *Town* Japan 92 G8
Sendai-wan *Bay* Japan 92 G8
Senegal *Country* 40 E5
Senegal *River* Senegal 40 E4
Senj *Town* Croatia 64 B6
Senlis *Town* France 54 E6
Sennar *Town* Sudan 38 E8
Sens *Town* France 54 F7
Seoul *Capital* South Korea 91 M3
Sept-Îles *Town* Québec, Canada 7 J5
Seraing *Town* Belgium 53 F11
Serang *Town* Indonesia 96 F7
Serbia *Country* 64 G8
Serhetabat *Town* Turkmenistan 84 G6
Seremban *Town* Malaysia 96 E5
Serov *Town* Russian Federation 78 F5
Serpukhov *Town* Russian Federation 73 C9
Sérres *Town* Greece 66 E8
Sesto San Giovanni *Town* Italy 60 C5
Setana *Town* Japan 92 F6
Sète *Town* France 55 F11
Sétif *Town* Algeria 37 I3
Setté Cama *Town* Gabon 43 C10
Setúbal *Town* Portugal 58 E7
Sevan *Town* Armenia 77 L4
Sevastopol’ *Town* Ukraine 69 J7
Severn *River* England, UK 51 F11
Severnaya Zemlya *Island group* Russian Federation 79 I3
Severnnyy *Town* Russian Federation 72 H5
Severodvinsk *Town* Russian Federation 72 E6
Severomorsk *Town* Russian Federation 72 E4
Sevilla *see* Seville
Seville *Town* Spain 58 G8
Sevlievo *Town* Bulgaria 66 F6
Seychelles *Country* 99 I5
Sfântu Gheorghe *Town* Romania 68 F6
Sfax *Town* Tunisia 37 J4
’s-Gravenhage *see* Hague, The
Shaanxi *Administrative region* China 90 H5
Shanxi *Administrative region* China 91 I4
Shackleton Ice Shelf *Ice feature* Antarctica 110 G6
Shāhrūd *Town* Iran 82 F5
Shandong *Administrative region* China 91 J4
Shanghai *Town* China 91 L5
Shangrao *Town* China 91 K6
Shannon *River* Ireland 51 C9
Shan Plateau *Myanmar* 94 C6
Shantou *Town* China 91 J8
Shaoguan *Town* China 91 J7
Shar *Town* Kazakhstan 78 G7
Shari *Town* Japan 92 H4
Shchuchinsk *Town* Kazakhstan 78 F6

Sheberghān *Town* Afghanistan 85 I6
Sheboygan *Town* Wisconsin, USA 13 J5
Shebshi Mountains *Mountain range* Nigeria 41 M7
Sheffield *Town* England, UK 51 G9
Shelby *Town* Montana, USA 15 I2
Shenyang *Town* China 91 L2
Shepparton *Town* Victoria, Australia 105 K8
Sherbrooke *Town* Québec, Canada 7 I7
’s-Hertogenbosch *Town* Netherlands 53 F9
Shetland Islands *Island group* Scotland, UK 50 F2
Shihezi *Town* China 88 F4
Shijiazhuang *Town* China 91 J3
Shikārpur *Town* Pakistan 86 F3
Shikoku *Island* Japan 93 E13
Shiliguri *Town* India 87 K3
Shimoga *Town* India 86 H7
Shimonoseki *Town* Japan 93 B13
Shindand *Town* Afghanistan 84 G7
Shingū *Town* Japan 93 E12
Shintoku *Town* Japan 92 G5
Shinyanga *Town* Tanzania 39 E12
Shiprock *Town* New Mexico, USA 16 G3
Shirataki *Town* Japan 92 G4
Shirāz *Town* Iran 82 F8
Shivpuri *Town* India 86 H4
Shizugawa *Town* Japan 92 G8
Shizuoka *Town* Japan 93 F11
Shkodër *Town* Albania 65 E11
Shouzhou *Town* China 91 I3
Shreveport *Town* Louisiana, USA 10 D5
Shrewsbury *Town* England, UK 51 F9
Shu *Town* Kazakhstan 78 F8
Shumen *Town* Bulgaria 66 H5
Shuqrah *Town* Yemen 83 D13
Shwebo *Town* Myanmar 94 B6
Shymkent *Town* Kazakhstan 78 F8
Šiauliai *Town* Lithuania 70 D6
Šibenik *Town* Croatia 64 C8
Siberia *Region* Russian Federation 79 J5
Sibi *Town* Pakistan 86 F2
Sibir’ *see* Siberia
Sibiu *Town* Romania 68 F6
Sibolga *Town* Indonesia 96 D5
Sibut *Town* Central African Republic 42 E8
Sibuyan Sea *Philippines* 97 J3
Sichuan *Administrative region* China 90 F5
Sichuan Pendi *Depression* China 90 G6
Sicilia *see* Sicily
Sicily *Island* Italy 61 E13
Sicily, Strait of *Mediterranean Sea* 61 E14
Sidas *Town* Indonesia 96 G6
Sidi Barrāni *Town* Egypt 38 C4
Sidi Bel Abbès *Town* Algeria 36 G4
Sidney *Town* Nebraska, USA 12 E6
Sidney *Town* Montana, USA 15 L2
Siedlce *Town* Poland 62 G7
Siegen *Town* Germany 56 C7
Siena *Town* Italy 60 D7
Sieradz *Town* Poland 62 E7
Sierra Leone *Country* 40 F7
Sierra Madre *Mountain range* Guatemala 20 D4
Sierra Madre Occidental *Mountain range* Mexico 18 G5
Sierra Madre Oriental *Mountain range* Mexico 19 J6
Sierra Nevada *Mountain range* Spain 59 I8
Sierra Nevada *Mountain range* California, USA 14 G6
Sierra Vieja *Mountain range* Texas, USA 17 I7
Sigli *Town* Indonesia 96 C4
Signy *Research station* Antarctica 110 B3
Siguiri *Town* Guinea 40 G6
Siirt *Town* Turkey 77 K6
Sikhote-Alin’, Khrebet *Mountain range* Russian Federation 79 M6
Silchar *Town* India 87 L4
Silesia *Region* Poland 62 C7
Silifke *Town* Turkey 76 F7
Silistra *Town* Bulgaria 66 H5
Sillamäe *Town* Estonia 70 H4
Silvan *Town* Turkey 77 J5

Silverek *Town* Turkey 76 H6
Simferopol' *Town* Ukraine 69 K7
Simpson Desert Northern Territory/
Queensland/South Australia,
Australia 105 J5
Sinai Desert Egypt 38 E4
Sincelejo *Town* Colombia 26 B5
Singapore *Country* 96 E6
Singida *Town* Tanzania 39 E12
Singkang *Town* Indonesia 97 I7
Singkawang *Town* Indonesia 96 F6
Siniscola *Town* Sardinia, Italy 61 C9
Sinnamary *Town* French Guiana 26 I6
Sinsheim *Town* Germany 57 D9
Sint Maarten *Island* Caribbean Sea 23 N5
Sint-Niklaas *Town* Belgium 53 D10
Sinŭiju *Town* North Korea 91 L3
Sioux City *Town* Iowa, USA 12 G5
Sioux Falls *Town* South Dakota,
USA 12 G5
Siping *Town* China 89 M3
Siquirres *Town* Costa Rica 21 J7
Siracusa *Town* Sicily, Italy 61 F13
Sirjan *Town* Iran 82 G8
Şirnak *Town* Turkey 77 K6
Sirte, Gulf of Libya 37 L4
Sittoung River Myanmar 94 C8
Sittwe *Town* Myanmar 94 A7
Siuna *Town* Nicaragua 21 I4
Sivas *Town* Turkey 76 H4
Sjælland *Island* Denmark 49 C12
Skagerrak *Sea* Norway 49 B11
Skaudvilė *Town* Lithuania 70 D6
Skegness *Town* England, UK 51 H9
Skellefteå *Town* Sweden 48 F7
Skopje *Capital* Macedonia 65 G11
Skovorodino *Town* Russian Federation
78 K6
Slagelse *Town* Denmark 49 C12
Slatina *Town* Romania 68 E7
Slavonski Brod *Town* Croatia 64 E7
Sligo *Town* Ireland 50 B8
Sliven *Town* Bulgaria 66 G6
Slonim *Town* Belarus 71 D9
Slovakia *Country* 63 E10
Slovenia *Country* 57 G12
Slov"yans'k *Town* Ukraine 69 M4
Ślupsk *Town* Poland 62 D5
Slutsk *Town* Belarus 71 E10
Smallwood Reservoir Nova Scotia,
Canada 7 K4
Smara *Town* Western Sahara 36 D6
Smederevo *Town* Serbia 64 G8
Smolensk *Town* Russian Federation 72 B8
Snake River Idaho/Oregon, USA 14 H3
Snowdonia *Physical region* Wales, UK 51 F9
Sochi *Town* Russian Federation 73 B12
Société, Archipel de la *Island chain* French
Polynesia 103 N7
Socotra *Island* Yemen 83 F13
Soc Trăng *Town* Vietnam 95 G12
Söderhamn *Town* Sweden 49 E9
Södertälje *Town* Sweden 49 E10
Sofia *Capital* Bulgaria 66 E6
Sofiya *see* Sofia
Sogamoso *Town* Colombia 26 C6
Sokal' *Town* Ukraine 68 F2
Sokhumi *Town* Georgia 77 J2
Sokodé *Town* Togo 41 J7
Sokone *Town* Senegal 40 E5
Sokoto *Town* Nigeria 41 K6
Solāpur *Town* Pakistan 86 H6
Sol, Costa del *Coastal region* Spain 58 H9
Soledad *Town* Colombia 26 B4
Solikamsk *Town* Russian Federation 72 G8
Solingen *Town* Germany 56 C7
Sollentuna *Town* Sweden 49 E10
Solok *Town* Indonesia 96 D6
Solomon Islands *Country* 102 H5
Solomon Islands *Island group* Papua New
Guinea/Solomon Islands 102 F5
Solomon Sea Pacific Ocean 102 F5
Solwezi *Town* Zambia 44 H3
Sōma *Town* Japan 93 G9
Somalia *Country* 39 H10
Somaliland *Cultural region* Somalia 39 H9
Somerset *Town* Kentucky, USA 10 H3

Somme River France 54 E5
Somotillo *Town* Nicaragua 20 G5
Somoto *Town* Nicaragua 20 H5
Songea *Town* Tanzania 39 F14
Songkhla *Town* Thailand 95 D13
Sonoran Desert Arizona, USA 16 D5
Sonsonate *Town* El Salvador 20 E5
Sop Hao *Town* Laos 94 F7
Sopron *Town* Hungary 63 D11
Sorgun *Town* Turkey 76 G4
Soria *Town* Spain 59 J4
Sorong *Town* Indonesia 97 L6
Sortavala *Town* Russian Federation 72 C6
Sōul *see* Seoul
Sousse *Town* Tunisia 37 J3
South Africa *Country* 44 G7
Southampton *Town* England, UK 51 F12
Southampton Island Nunavut,
Canada 5 K5
South Australia *State* Australia 105 J6
South Bend *Town* Indiana, USA 13 K6
South Carolina *State* USA 11 J4
South China Sea Pacific Ocean 91 L8
South Dakota *State* USA 12 F4
Southeast Indian Ridge *Undersea feature*
Indian Ocean 99 K7
Southend-on-Sea *Town* England, UK
51 H11
Southern Alps *Mountain range* New Zealand
107 C11
Southern Cook Islands *Island group* Cook
Islands 103 L8
Southern Cross *Town* Western Australia,
Australia 104 E6
Southern Ocean 110 G3
Southern Uplands *Mountain range* Scotland,
UK 50 E7
South Georgia & The Sandwich Islands
Dependent Territory UK, Atlantic Ocean
33 J8
South Island New Zealand 107 D11
South Korea *Country* 91 M4
South Orkney Islands *Island group*
Antarctica 110 B3
South Shetland Islands *Island group*
Antarctica 110 B4
South Shields *Town* England, UK 50 G7
Southwest Indian Ridge *Undersea feature*
Indian Ocean 99 I6
Southwest Pacific Basin *Undersea feature*
Pacific Ocean 109 K7
Soweto *Town* South Africa 44 H7
Spain *Country* 58 H5
Spanish Town *Town* Jamaica 22 G5
Spartanburg *Town* South Carolina, USA
11 I4
Spijkenisse *Town* Netherlands 53 D9
Spin Būldak *Town* Afghanistan 85 I8
Spitsbergen *Island* Arctic Ocean 111 M7
Split *Town* Croatia 64 C8
Spokane *Town* Washington, USA 14 H2
Springfield *Town* Massachusetts, USA 8 J6
Springfield *Town* Illinois, USA 13 J7
Springfield *Town* Ohio, USA 13 L6
Springfield *Town* Missouri, USA 12 H8
Spring Hill *Town* Florida, USA 11 I7
Srbobran *Town* Serbia 64 F7
Srebrenica *Town* Bosnia & Herzegovina
64 F8
Sri Jayewardanapura Kotte *Town*
Sri Lanka 87 I9
Sri Lanka *Country* 87 J9
Stafford *Town* England, UK 51 F9
Stakhanov *Town* Ukraine 69 M4
Stalowa Wola *Town* Poland 62 G8
Stamford *Town* Connecticut, USA 8 I6
Starachowice *Town* Poland 62 F8
Stara Zagora *Town* Bulgaria 66 G6
Stargard Szczeciński *Town* Poland 62 C5
Starobil's'k *Town* Ukraine 69 M4
Staryy Oskol *Town* Russian Federation
73 C10
State College *Town* Pennsylvania, USA 8 F7
Statesboro *Town* Georgia, USA 11 I5
Staunton *Town* Virginia, USA 11 K2
Stavanger *Town* Norway 49 A10
Stavropol' *Town* Russian Federation 73 C11

Steamboat Springs *Town* Colorado,
USA 15 K5
Steinkjer *Town* Norway 48 C7
Sterling *Town* Illinois, USA 13 J6
Sterlitamak *Town* Russian Federation 73 G10
Stevenage *Town* England, UK 51 H10
Stevens Point *Town* Wisconsin, USA 13 J4
Stewart Island New Zealand 107 B14
Stillwater *Town* Oklahoma, USA 17 L3
Stockholm *Capital* Sweden 49 E10
Stockton *Town* California, USA 14 F6
Stockton Plateau Texas, USA 17 J7
Stōng Trēng *Town* Cambodia 95 G10
Stoke-on-Trent *Town* England, UK 51 F9
Stonehenge *Ancient site* England,
UK 51 G11
Stornoway *Town* Scotland, UK 50 D4
Storuman *Town* Sweden 48 E6
Stralsund *Town* Germany 56 F4
Strasbourg *Town* France 54 H7
Strelka *Town* Russian Federation 78 H6
Strumica *Town* Macedonia 65 H12
Stryy *Town* Ukraine 68 F3
Stuttgart *Town* Germany 57 D9
Subotica *Town* Serbia 64 F6
Suceava *Town* Romania 68 G5
Sucre *Capital* Bolivia 27 E12
Sudan *Country* 38 D8
Sudbury *Town* Ontario, Canada 6 G7
Sudd *Region* Sudan 39 D9
Sudeten *Region* Poland 62 C8
Suez *Town* Egypt 38 E4
Suez, Gulf of Egypt 38 E4
Sühbaatar *Town* Mongolia 89 I2
Suhl *Town* Germany 56 E8
Sujāwal *Town* Pakistan 86 F4
Sukabumi *Town* Indonesia 96 F8
Sukagawa *Town* Japan 93 G9
Sukkur *Town* Pakistan 86 F3
Sukumo *Town* Japan 93 D13
Sulawesi *see* Celebes
Sullana *Town* Peru 27 A9
Sulu Archipelago *Island chain*
Philippines 97 I5
Sulu Sea Pacific Ocean 97 J4
Sumatera *see* Sumatra
Sumatra *Island* Indonesia 96 E7
Sumbawanga *Town* Tanzania 39 E13
Sumbe *Town* Angola 44 D3
Sumqayit *Town* Azerbaijan 77 N3
Sumy *Town* Ukraine 69 K2
Sunderland *Town* England, UK 50 F7
Sundsvall *Town* Sweden 48 E8
Sungaipenuh *Town* Indonesia 96 D7
Sunnyvale *Town* California, USA 14 F6
Suông *Town* Cambodia 95 G11
Superior *Town* Wisconsin, USA 13 I3
Superior, Lake Canada/USA, 13 I3
Suqutrā *see* Socotra
Şūr *Town* Oman 83 H10
Surabaya *Town* Indonesia 96 G8
Surakarta *Town* Indonesia 96 G8
Surat *Town* India 86 G5
Surat Thani *Town* Thailand 95 D12
Surdulica *Town* Serbia 65 H10
Surfers Paradise *Town* Queensland,
Australia 105 N6
Surgut *Town* Russian Federation 78 G5
Suriname *Country* 26 G6
Surt *Town* Libya 37 L5
Surt, Khalij *see* Sirte, Gulf of
Susa *Town* Italy 60 B5
Susteren *Town* Netherlands 53 F10
Susuman *Town* Russian Federation 78 L4
Suva *Capital* Fiji 103 J7
Suwalki *Town* Poland 62 G5
Suzhou *Town* China 91 K5
Svalbard *Dependent Territory* Norway,
Arctic Ocean 111 F7
Svartisen *Glacier* Norway 48 D5
Svenstavik *Town* Sweden 48 D8
Svilengrad *Town* Bulgaria 66 G7
Svobodnyy *Town* Russian Federation
79 L6
Svyetlakhorsk *Town* Belarus 71 F11
Swansea *Town* Wales, UK 51 E11
Swaziland *Country* 45 I7

Sweden *Country* 48 D7
Świdnica *Town* Poland 62 D8
Świebodzin *Town* Poland 62 C7
Swindon *Town* England, UK 51 G11
Świnoujście *Town* Poland 62 B5
Switzerland *Country* 57 C11
Sydney *Town* New South Wales,
Australia 105 M7
Syeverodonets'k *Town* Ukraine 69 M4
Syktyvkar *Town* Russian Federation 72 F7
Sylhet *Town* Bangladesh 87 L4
Syowa *Research station* Antarctica 110 F4
Syracuse *Town* New York, USA 8 G5
Syria *Country* 80 F7
Syrian Desert Jordan 81 G10
Syzran' *Town* Russian Federation 73 E10
Szczecin *Town* Poland 62 C5
Szeged *Town* Hungary 63 F12
Székesfehérvár *Town* Hungary 63 E11
Szolnok *Town* Hungary 63 F11
Szombathely *Town* Hungary 63 D11

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Tabora *Town* Tanzania 39 E12
Tabriz *Town* Iran 82 D5
Tabūk *Town* Saudi Arabia 82 A8
Täby *Town* Sweden 49 E10
Tacloban *Town* Philippines 97 K3
Tacoma *Town* Washington, USA 14 F2
Tacuarembó *Town* Uruguay 30 H7
Tademaït, Plateau du Algeria 36 H6
Tādpatri *Town* Bhutan 87 I7
Taegu *Town* South Korea 91 M4
Taejŏn *Town* South Korea 91 M4
Taganrog *Town* Russian Federation 73 B11
Taguatinga *Town* Brazil 29 K5
Tagus River Spain/Portugal 58 F6
Tahoua *Town* Niger 41 K5
Taichung *Town* Taiwan 91 L8
T'ainan *Town* Taiwan 91 K8
Taipei *Capital* Taiwan 91 L7
Taiping *Town* Malaysia 96 D5
Taiwan *Country* 91 L8
Taiwan Strait China/Taiwan 91 L8
Taiyuan *Town* China 91 I4
Ta'izz *Town* Yemen 83 C13
Tajikistan *Country* 85 K5
Takaoka *Town* Japan 93 E10
Takapuna *Town* New Zealand 106 F5
Takasaki *Town* Japan 93 F10
Takikawa *Town* Japan 92 F5
Takla Makan Desert China 88 E5
Talamanca, Cordillera de *Mountain range*
Costa Rica 21 J8
Talas *Town* Kyrgyzstan 85 K3
Talavera de la Reina *Town* Spain 58 H5
Talca *Town* Chile 30 C8
Talcahuano *Town* Chile 31 C9
Taldykorgan *Town* Kazakhstan 78 G8
Tallahassee *Town* Florida, USA 10 H6
Tallinn *Capital* Estonia 70 G3
Talnakh *Town* Russian Federation 78 H4
Talsi *Town* Latvia 70 E5
Talvik *Town* Norway 48 F3
Tamale *Town* Ghana 41 I7
Tamanrasset *Town* Algeria 37 I7
Tamazunchale *Town* Mexico 19 K7
Tambacounda *Town* Senegal 40 E5
Tambov *Town* Russian Federation 73 D10
Tampa *Town* Florida, USA 11 I7
Tampa Bay Florida, USA 11 I8
Tampere *Town* Finland 48 G8
Tampico *Town* Mexico 19 K6
Tamworth *Town* New South Wales,
Australia 105 M6
Tana *Town* Norway 48 G3
Tanabe *Town* Japan 93 E12
Tanami Desert Northern Territory,
Australia 104 H3
Tandil *Town* Argentina 31 G9
Tane Range *Mountain range* Thailand
94 D8
Tanezrouft *Desert* Algeria 36 H7
Tanga *Town* Tanzania 39 G12

Tanganyika, Lake Democratic Republic of Congo 43 I12

Tanggula Shan *Mountain range* China 88 G7

Tangier *Town* Morocco 36 F3

Tangshan *Town* China 91 K3

Tan-Ian *Town* Morocco 36 D5

Tanzania *Country* 39 E12

Taoudenni *Town* Mali 40 H3

Tapa *Town* Estonia 70 G4

Tapachula *Town* Mexico 19 N9

Tapajós, Rio *River* Brazil 29 I3

Ṭarābulus *see* Tripoli

Tarancón *Town* Spain 59 I6

Taranto *Town* Italy 61 H10

Taranto, Gulf Italy 61 H11

Tarapoto *Town* Peru 27 B9

Taraz *Town* Kazakhstan 78 F8

Tarbes *Town* France 55 D11

Târgoviște *Town* Romania 68 F7

Târgu Jiu *Town* Romania 68 E7

Târgu Mureș *Town* Romania 68 F5

Tarija *Town* Bolivia 27 E13

Tarim Basin China 88 F5

Tarnobrzeg *Town* Poland 62 G8

Tarnów *Town* Poland 63 F9

Tarragona *Town* Spain 59 L4

Tarsus *Town* Turkey 76 G6

Tartu *Town* Estonia 70 G5

Ṭarṭūs *Town* Syria 80 D7

Tarvisio *Town* Italy 60 F4

Tashkent *Capital* Uzbekistan 85 J3

Tash-Kumyr *Town* Kyrgyzstan 85 K3

Tasikmalaya *Town* Indonesia 96 F8

Tasmania *State* Australia 105 K9

Tasman Sea Pacific Ocean 105 M8

Tassili-n-Ajjer *Plateau* Algeria 37 I6

Tatabánya *Town* Hungary 63 E11

Tathlith *Town* Saudi Arabia 83 C11

Tatra Mountains Slovakia 63 F9

Tatvan *Town* Turkey 77 K5

Taungdwingyi *Town* Myanmar 94 B7

Taunggyi *Town* Myanmar 94 C7

Taunton *Town* England, UK 51 F11

Taupo *Town* New Zealand 106 G7

Taupo, Lake New Zealand 106 G7

Tauranga *Town* New Zealand 106 G6

Taurus Mountains *Mountain range* Turkey 76 E6

Tawau *Town* Malaysia 97 I5

Taxco *Town* Mexico 19 K8

Taxiatosh *Town* Uzbekistan 84 F2

Taymā' *Town* Saudi Arabia 82 B8

Taymyr Peninsula Russian Federation 79 I3

T'bilisi *Capital* Georgia 77 L3

Tczew *Town* Poland 62 E5

Te Anau *Town* New Zealand 107 B13

Teapa *Town* Mexico 19 N8

Tebingtinggi *Town* Indonesia 96 D5

Tecomán *Town* Mexico 19 I8

Tecpan *Town* Mexico 19 J9

Tecuci *Town* Romania 68 G6

Tegal *Town* Indonesia 96 F7

Tegucigalpa *Capital* Honduras 20 G4

Tehrān *Capital* Iran 82 E6

Tehuacán *Town* Mexico 19 L8

Tehuantepec *Town* Mexico 19 M9

Tehuantepec, Gulf of Mexico 19 M9

Tehuantepec, Istmo de Isthmus Mexico 19 M8

Tejen *Town* Turkmenistan 84 F5

Te Kao *Town* New Zealand 106 E3

Tekeli *Town* Kazakhstan 78 G8

Tekirdağ *Town* Turkey 76 C3

Tel Aviv-Yafo *Town* Israel 81 C11

Temirtau *Town* Kazakhstan 78 F7

Temple *Town* Texas, USA 17 M6

Temuco *Town* Chile 31 C10

Ténéré *Physical region* Niger 41 M4

Tennessee *State* USA 10 G3

Tennessee River Alabama/Tennessee, USA 10 G4

Tepic *Town* Mexico 18 H7

Teplíce *Town* Czech Republic 62 B8

Tequila *Town* Mexico 19 I7

Teramo *Town* Italy 60 F8

Teresina *Town* Brazil 29 M3

Termiz *Town* Uzbekistan 85 I5

Ternate *Town* Indonesia 97 K6

Terni *Town* Italy 60 E8

Ternopil' *Town* Ukraine 68 G3

Terrassa *Town* Spain 59 M4

Terre Haute *Town* Indiana, USA 13 K7

Teruel *Town* Spain 59 K5

Teseneý *Town* Eritrea 38 F8

Tessalit *Town* Mali 41 J3

Tete *Town* Mozambique 45 I4

Tetouan *Town* Morocco 36 F3

Tevere *River* Italy 60 E8

Texarkana *Town* Texas, USA 17 N5

Texas *State* USA 17 L6

Teziutlán *Town* Mexico 19 K7

Thai Binh *Town* Vietnam 94 G7

Thailand *Country* 95 D9

Thailand, Gulf of Pacific Ocean 95 E11

Thai Nguyen *Town* Vietnam 94 G6

Thakhek *Town* Laos 94 F8

Thamarit *Town* Oman 83 G11

Thames *River* England, UK 51 G11

Thandwe *Town* Myanmar 94 B8

Thanh Hoa *Town* Vietnam 94 F7

Thar Desert Pakistan/India 86 F3

Thaton *Town* Myanmar 94 C8

Thayetmyo *Town* Myanmar 94 B7

The Fens *Physical region* England, UK 51 H9

Thessaloniki *see* Salonica

The Valley *Capital* Anguilla 23 N5

Thimphu *Capital* Bhutan 87 L3

Thiruvananthapuram *Town* India 86 H9

see also Trivandrum

Thracian Sea Greece 66 F8

Thun *Town* Switzerland 57 C11

Thunder Bay *Town* Ontario, Canada 6 E6

Thurso *Town* Scotland, UK 50 E3

Tianjin *Town* China 91 J3

Tianjin Shu *Administrative region* China 91 J3

Tianshui *Town* China 89 J6

Tiberias, Lake Israel 81 D10

Tibesti *Mountain range* Chad 42 E3

Tibet *Administrative region* China 88 F7

Tibet, Plateau of China 88 F6

Tichit *Town* Mauritania/China 40 G4

Ticul *Town* Mexico 19 O6

Tien Shan *Mountain range* Kyrgyzstan 85 L3

Tierra del Fuego *Region* Argentina/Chile 31 D14

Tifu *Town* Indonesia 97 K7

Tighina *Town* Moldova 68 H6

Tigris *River* Iraq 82 C6

Tiguentourine *Town* Algeria 37 J6

Tijuana *Town* Mexico 18 C2

Tikal *Ancient site* Guatemala 20 E2

Tikhoretsk *Town* Russian Federation 73 C12

Tikhvin *Town* Russian Federation 72 C7

Tiksi *Town* Russian Federation 78 J4

Tilburg *Town* Netherlands 53 E10

Timaru *Town* New Zealand 107 D12

Timbedgha *Town* Mauritania 40 G5

Timbuktu *Town* Mali 41 I4

Timișoara *Town* Romania 68 D6

Timor Sea Asia/Australasia 97 J9

Tindouf *Town* Algeria 36 E6

Tirana *Capital* Albania 65 F11

Tiranë *see* Tirana

Tiraspol *Town* Moldova 68 H6

Tirol *Region* Austria 57 F11

Tiruchchirāppalli *Town* India 87 I8

Tisa *River* Hungary 63 F11

Titicaca, Lake Lake Peru 27 D12

Tivoli *Town* Italy 61 E9

Tizi Ouzou *Town* Algeria 36 H3

Tiznit *Town* Morocco 36 E5

Tlaquepaque *Town* Mexico 19 I7

Tlaxcala *Town* Mexico 19 K8

Tlemcen *Town* Algeria 36 G4

Toamasina *Town* Madagascar 45 M5

Tobago *Island* Trinidad & Tobago 23 O8

Tobol'sk *Town* Russian Federation 78 G5

Tocantins, Rio *River* Brazil 29 K4

Tocopilla *Town* Chile 30 D4

Todi *Town* Italy 60 E8

Togo *Country* 41 J7

Tokar *Town* Sudan 38 F7

Tokat *Town* Turkey 76 H4

Tokelau *Dependent territory* New Zealand, Pacific Ocean 103 K6

Tokmak *Town* Kyrgyzstan 85 L3

Tokmak *Town* Ukraine 69 L5

Tokoroa *Town* New Zealand 106 G6

Tokushima *Town* Japan 93 D12

Tōkyō *Capital* Japan 93 G10

Toledo *Town* Spain 59 I6

Toledo *Town* Ohio, USA 13 L6

Toliara *Town* Madagascar 45 L6

Tolitoli *Town* Indonesia 97 J6

Tolmin *Town* Slovenia 57 G12

Toluca *Town* Mexico 19 J8

Tol'yatti *Town* Russian Federation 73 E10

Tomakomai *Town* Japan 92 F5

Tomaszów Mazowiecki *Town* Poland 62 F7

Tombouctou *see* Timbuktu

Tomini, Gulf of Indonesia 97 J6

Tomsk *Town* Russian Federation 78 H6

Tonga *Country* 103 K7

Tongatapu Group *Island group* Tonga 103 J8

Tongchuan *Town* China 90 H4

Tonghe *Town* China 89 M2

Tongzi *Town* China 90 H6

Tongking, Gulf of South China Sea 90 H9

Tongliao *Town* China 89 L3

Tongxin *Town* China 89 J6

Tongzi *Town* China 90 H6

Tônlé Sap *Lake* Cambodia 95 F10

Tonopah *Town* Nevada, USA 14 H6

Tooele *Town* Utah, USA 15 I5

Toowoomba *Town* Queensland, Australia 105 M6

Topeka *Town* Kansas, USA 12 G7

Torez *Town* Ukraine 69 M5

Torgau *Town* Germany 56 F7

Torino *see* Turin

Torkestan Mountains *Mountain range* Afghanistan 84 H6

Toro *Town* Spain 58 H4

Toronto *Town* Ontario, Canada 6 G8

Toros Dağları *see* Taurus Mountains

Torquay *Town* England, UK 51 F12

Torre del Greco *Town* Italy 61 F10

Torrejón de Ardoz *Town* Spain 59 I5

Torrelavega *Town* Spain 59 I2

Torrente *Town* Spain 59 K6

Torreón *Town* Mexico 19 I5

Torres Strait Australia/Papua New Guinea 105 K1

Torres Vedras *Town* Portugal 58 E6

Torrington *Town* Wyoming, USA 15 L5

Toruń *Town* Poland 62 E6

Torzhek *Town* Russian Federation 72 C8

Toscana *see* Tuscany

Toscano, Archipelago *Coastal feature* Italy 60 D8

Toshkent *see* Tashkent

Totness *Town* Suriname 26 H6

Tottori *Town* Japan 93 D11

Touggourt *Town* Algeria 37 I4

Toukoto *Town* Mali 40 G5

Toul *Town* France 54 G7

Toulon *Town* France 55 G12

Toulouse *Town* France 55 D11

Tourcoing *Town* France 54 F5

Tournai *Town* Belgium 53 C11

Tours *Town* France 54 D8

Tovarkovskiy *Town* Russian Federation 73 C9

Towada *Town* Japan 92 G7

Townsville *Town* Queensland, Australia 105 L3

Towson *Town* Maryland, USA 8 G8

Toyama *Town* Japan 93 F10

Toyota *Town* Japan 93 F11

Tozeur *Town* Tunisia 37 I4

Trabzon *Town* Turkey 76 H3

Trang *Town* Thailand 95 D13

Transantarctic Mountains *Mountain range* Antarctica 110 D6

Transnistria *Cultural region* Moldova 68 H5

Transylvania *Cultural region* Romania 68 E5

Transylvanian Alps *Mountain range* Romania 68 E6

Trapani *Town* Sicily, Italy 61 D12

Trápéang Vêng *Town* Cambodia 95 F10

Trasimeno, Lago *Lake* Italy 60 E7

Tra Vinh *Town* Vietnam 95 G12

Tremelo *Town* Belgium 53 E11

Trenčín *Town* Slovakia 63 E10

Trenque Lauquen *Town* Argentina 31 F9

Trent *River* England, UK 51 G9

Trento *Town* Italy 60 E4

Trenton *Town* Pennsylvania, USA 8 G7

Tres Arroyos *Town* Argentina 31 F9

Treviso *Town* Italy 60 E5

Trier *Town* Germany 56 B8

Trieste *Town* Italy 60 F5

Trincomalee *Town* Sri Lanka 87 I9

Trinidad *Island* Trinidad & Tobago 23 O9

Trinidad *Town* Uruguay 30 G8

Trinidad *Town* Bolivia 27 E11

Trinidad & Tobago *Country* 23 O9

Tripoli *Town* Lebanon 80 D8

Tripoli *Capital* Libya 37 K4

Tripolitania *Cultural region* Libya 37 K5

Tristan de Cunha *Dependent Territory* St Helena, Atlantic Ocean 33 L7

Trivandrum *Town* India 86 H9 *see also* Thiruvananthapuram

Trnava *Town* Slovakia 63 D10

Trois-Rivières *Town* Québec, Canada 7 I7

Trollhättan *Town* Sweden 49 C10

Tromsø *Town* Norway 48 E4

Trondheim *Town* Norway 48 C7

Troy *Town* New York, USA 8 I5

Troyes *Town* France 54 F7

Trujillo *Town* Spain 58 G6

Trujillo *Town* Peru 27 A10

Trzcianka *Town* Poland 62 D6

Tshela *Town* Democratic Republic of Congo 43 D11

Tshikapa *Town* Democratic Republic of Congo 43 F12

Tshwane *Capital* South Africa 44 H6

see also Pretoria

Tsu *Town* Japan 93 E11

Tsugaru-kaikyō *Strait* Japan 92 F7

Tsuruga *Town* Japan 93 E11

Tsuruoka *Town* Japan 92 F8

Tuamotu Islands *Island group* French Polynesia 103 O7

Tuapse *Town* Russian Federation 73 B12

Tuba City *Town* Arizona, USA 16 E3

Tubmanburg *Town* Liberia 40 F7

Ṭubruq *Town* Libya 37 N4

Tucson *Town* Arizona, USA 16 E5

Tucumcari *Town* New Mexico, USA 17 I4

Tudmur *Town* Syria 80 F7

Tuguegarao *Town* Philippines 97 J1

Tukums *Town* Latvia 70 E5

Tula *Town* Russian Federation 73 C9

Tulancingo *Town* Mexico 19 K7

Tulcán *Town* Ecuador 26 B7

Tulcea *Town* Romania 68 H7

Tulsa *Town* Oklahoma, USA 17 M3

Tuluá *Town* Colombia 26 B6

Tumbes *Town* Peru 26 A8

Tumuc-Humac Mountains *Mountain range* Brazil 29 I1

Tungaru *Island chain* Kiribati 103 I4

Tungsten *Town* Northwest Territories, Canada 4 G6

Tunis *Capital* Tunisia 37 J3

Tunisia *Country* 37 J4

Tunja *Town* Colombia 26 C6

Trường Dương *Town* Vietnam 94 G7

Tupelo *Town* Mississippi, USA 10 G4

Turan Lowland *Plain* Central Asia 84 F2

Ṭurayf *Town* Saudi Arabia 82 B7

Turbat *Town* Pakistan 86 E3

Turda *Town* Romania 68 F5

Turin *Town* Italy 60 B5

Turkana, Lake Kenya 39 F10

Turkestan *Town* Kazakhstan 78 F7

Turkey *Country* 76 F5

Türkmenabat *Town* Turkmenistan 84 H4

Turkmenbaşy *Town* Turkmenistan 84 D3
Turkmenistan *Country* 84 F4
Turks & Caicos Islands *Dependent Territory*
UK, Atlantic Ocean 23 I3
Turku *Town* Finland 49 F9
Turnov *Town* Czech Republic 63 C9
Tuscaloosa *Town* Mississippi, USA 10 G5
Tuscany *Region* Italy 60 D7
Tuticorin *Town* India 87 I9
Tutuala *Town* East Timor 97 K8
Tuvalu *Country* 103 I6
Tuxpán *Town* Mexico 19 K7
Tuxpan *Town* Mexico 19 I8
Tuxtepec *Town* Mexico 19 L8
Tuxtla *Town* Mexico 19 N8
Tuy Hoa *Town* Vietnam 95 H10
Tuz Gölü *see* Tuz, Lake
Tuzla *Town* Bosnia & Herzegovina 64 E7
Tuz, Lake Turkey 76 F5
Tver' *Town* Russian Federation 72 C8
Twin Falls *Town* Idaho, USA 15 I4
Tychy *Town* Poland 63 E9
Tyler *Town* Texas, USA 17 M5
Tynda *Town* Russian Federation 79 K6
Tyrrhenian Sea *Mediterranean Sea* 61 F11
Tyumen' *Town* Russian Federation 78 F5

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Ubangi River Central Africa 42 F8
Ube *Town* Japan 93 C13
Uberaba *Town* Brazil 29 K6
Uberlândia *Town* Brazil 29 K6
Ubon Ratchathani *Town* Thailand 95 F9
Ubrique *Town* Spain 58 G8
Uchiura-wan *Bay* Japan 92 G6
Uchquduq *Town* Uzbekistan 84 H3
Udaipur *Town* India 86 G4
Udine *Town* Italy 60 F5
Udon Thani *Town* Thailand 94 E8
Udupi *Town* India 86 G7
Uele River *Democratic Republic*
of Congo 42 H8
Uelzen *Town* Germany 56 E5
Ufa *Town* Russian Federation 73 G10
Uganda *Country* 39 D11
Uitenhage *Town* South Africa 44 G9
Ukhta *Town* Russian Federation 72 G7
Ukmergė *Town* Lithuania 70 E7
Ukraine *Country* 68 G3
Ulaanbaatar *see* Ulan Bator
Ulaangom *Town* Mongolia 88 G3
Ulan Bator *Capital* Mongolia 89 J3
Ulan Qab *Town* China 91 J4
Ulan-Ude *Town* Russian Federation 79 J7
Ulft *Town* Netherlands 53 G9
Ullapool *Town* Scotland, UK 50 E4
Ulm *Town* Germany 57 D10
Ulsan *Town* South Korea 91 M4
Ulster *Cultural region* Northern Ireland,
UK 50 C8
Uluru Peak Northern Territory,
Australia 104 H5
Ulyanivka *Town* Ukraine 69 I4
Ul'yanovsk *Town* Russian Federation 73 E9
Uman' *Town* Ukraine 69 I4
Umeå *Town* Sweden 48 F7
Umm Ruwaba *Town* Sudan 38 E8
Umtata *Town* South Africa 44 H8
Uncia *Town* Bolivia 27 E12
Ungava Bay Québec, Canada 7 I2
Ungava Peninsula Québec, Canada 6 H2
Uniontown *Town* Pennsylvania, USA 8 E8
United Arab Emirates *Country* 83 F10
United Kingdom *Country* 50 E8
United States of America *Country* 8 I7
Ünye *Town* Turkey 76 H3
Upington *Town* South Africa 44 F7
Uppsala *Town* Sweden 49 E10
Ural Mountains *Mountain range* Russian
Federation 73 H9
Ural'sk *Town* Kazakhstan 78 E5
Ural'skiye Gory *see* Ural Mountains
Uraricoera *Town* Brazil 28 H1
Uren' *Town* Russian Federation 72 E8

Urganch *Town* Uzbekistan 84 G3
Uroteppa *Town* Tajikistan 85 J4
Uruapan *Town* Mexico 19 J8
Uruguay *Country* 30 G8
Ürümqi *Town* China 88 F4
Uşak *Town* Turkey 76 D5
Ushuaia *Town* Argentina 31 D15
Usinsk *Town* Russian Federation 72 G6
Usoľ'ye-Sibirskoye *Town* Russian Federation
79 I7
Ussel *Town* France 55 E9
Ussuriysk *Town* Russian Federation 79 M7
Ust'-Ilimsk *Town* Russian Federation 79 I6
Ústí nad Labem *Town* Czech Republic 62 B8
Ustka *Town* Poland 62 D4
Ust'-Kamchatsk *Town* Russian Federation
79 M4
Ust'-Kamenogorsk *Town* Kazakhstan 78 G7
Ust'-Kut *Town* Russian Federation 79 J6
Ust'-Olenëk *Town* Russian Federation 79 J4
Ustyurt Plateau Uzbekistan 84 F1
Usulután *Town* El Salvador 20 F5
Utah State USA 15 I6
Utica *Town* New York, USA 8 H5
Utrecht *Town* Netherlands 52 E8
Utsunomiya *Town* Japan 93 G10
Uulu *Town* Estonia 70 F5
Uvalde *Town* Texas, USA 17 K7
Uvaravichy *Town* Belarus 71 G11
Uwajima *Town* Japan 93 D13
Uxmal *Ancient site* Mexico 19 O6
Uyo *Town* Nigeria 41 L8
Uyuni *Town* Bolivia 27 E13
Uzbekistan *Country* 84 H3
Uzhhorod *Town* Ukraine 68 E4

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Vaal River South Africa 44 H7
Vaasa *Town* Finland 48 F8
Vaassen *Town* Netherlands 52 F8
Vác *Town* Hungary 63 E11
Valdés, Peninsula Argentina 31 F11
Val-d'Or *Town* Québec, Canada 6 H6
Vadodara *Town* India 86 G5
Vaduz *Capital* Liechtenstein 57 D11
Valday *Town* Russian Federation 72 C7
Valdez *Town* Alaska, USA 4 E5
Valdivia *Town* Chile 31 C10
Valdosta *Town* Georgia, USA 11 I6
Valence *Town* France 55 F10
Valencia *Town* Spain 59 K6
Valencia *Town* Venezuela 26 D5
Valencia, Golfo de *Gulf* Spain 59 L6
Valera *Town* Venezuela 26 D5
Valga *Town* Estonia 70 G5
Valladolid *Town* Mexico 19 O6
Valladolid *Town* Spain 58 H4
Valledupar *Town* Colombia 26 C5
Vallenar *Town* Chile 30 C6
Valletta *Capital* Malta 61 E15
Valley, The *Capital* Anguilla 23 N5
Valls *Town* Spain 59 L4
Valmiera *Town* Latvia 70 F5
Valozhyn *Town* Belarus 71 E9
Valparaíso *Town* Chile 30 C8
Van *Town* Turkey 77 K5
Vanadzor *Town* Armenia 77 L3
Vancouver *Town* British Colombia,
Canada 4 G5
Vancouver Island British Colombia,
Canada 4 F9
Van Diemen Gulf Australia 104 H1
Vänern Lakes Sweden 49 D10
Van Gölü *see* Van, Lake
Van, Lake Turkey 77 K5
Vantaa *Town* Finland 49 G9
Vanua Levu Island Fiji 103 I7
Vanuatu *Country* 102 G7
Vārānasi *Town* India 87 J4
Varberg *Town* Sweden 49 C11
Vardar River Macedonia 65 H12
Varde *Town* Denmark 49 B12
Varese *Town* Italy 60 C4
Varna *Town* Bulgaria 66 H5

Vasa *see* Vaasa
Vaslui *Town* Romania 68 G6
Västerås *Town* Sweden 49 E10
Vatican City *Country* 61 E9
Vättern Lake Sweden 49 D10
Vaughn *Town* New Mexico, USA 17 I4
Vawkavysk *Town* Belarus 71 C9
Växjö *Town* Sweden 49 D11
Veles *Town* Macedonia 65 G11
Velikiye Luki *Town* Russian Federation
72 B8
Velikiy Novgorod *Town* Russian Federation
72 C7
Veliko Tŭrnovo *Town* Bulgaria 66 G6
Vellore *Town* India 87 I7
Velsen-Noord *Town* Netherlands 52 E8
Vel'sk *Town* Russian Federation 72 E7
Vendôme *Town* France 54 D7
Venezia *see* Venice
Venezuela *Country* 26 E5
Venice *Town* Louisiana, USA 10 F7
Venice *Town* Italy 60 E5
Venice, Gulf of Italy 60 F6
Venlo *Town* Netherlands 53 G10
Ventimiglia *Town* Italy 60 B6
Ventspils *Town* Latvia 70 D4
Veracruz *Town* Mexico 19 L7
Vercelli *Town* Italy 60 C5
Verkhoyanskiy Khrebet *Mountain range*
Russian Federation 79 K4
Vermont State USA 9 I4
Verona *Town* Italy 60 D5
Versailles *Town* France 54 E7
Verviers *Town* Belgium 53 F11
Vesterålen *Island group* Norway 48 D4
Vesuvius Volcano Italy 61 F10
Veszprém *Town* Hungary 63 E11
Veurne *Town* Belgium 53 B10
Viangchan *see* Vientiane
Viareggio *Town* Italy 60 D6
Vicenza *Town* Italy 60 E5
Vichy *Town* France 55 F9
Victoria *Capital* Seychelles 99 I5
Victoria *Town* British Colombia,
Canada 4 G9
Victoria *Town* Texas, USA 17 M7
Victoria State Australia 105 K8
Victoria Falls *Waterfall* Zambia 44 G4
Victoria Island Northern Canada 5 I5
Victoria, Lake East Africa 39 E11
Victoria Land *Region* Antarctica 110 E7
Vidin *Town* Bulgaria 66 D5
Vienna *Capital* Austria 57 H10
Vientiane *Capital* Laos 94 E8
Vierzon *Town* France 54 E8
Vietnam *Country* 94 G8
Vieux Fort *Town* St. Lucia 23 O7
Vigo *Town* Spain 58 E3
Vijayawāda *Town* India 87 I6
Vila Nova de Gaia *Town* Portugal 58 E4
Vila Real *Town* Portugal 58 F4
Villa Acuña *Town* Mexico 19 I3
Villach *Town* Austria 57 G11
Villahermosa *Town* Mexico 19 N8
Villa María *Town* Argentina 30 F7
Villa Martin *Town* Bolivia 27 D13
Villa Mercedes *Town* Argentina 30 E8
Villarrica *Town* Paraguay 30 H5
Villavicencio *Town* Colombia 26 C6
Villeurbanne *Town* France 55 G9
Villingen-Schwenningen *Town*
Germany 57 D10
Vilnius *Capital* Lithuania 70 E8
Viña del Mar *Town* Chile 30 C8
Vinaròs *Town* Spain 59 L5
Vindhya Range *Mountain range* India 86 H4
Vineland *Town* New Jersey, USA 8 H8
Vinh *Town* Vietnam 94 G8
Vinnytsya *Town* Ukraine 68 H4
Vinson Massif *Mountain* Antarctica 110 C5
Viranşehir *Town* Turkey 76 H6
Virginia State USA 11 K2
Virginia Beach *Town* Virginia, USA 11 L3
Virgin Islands *Dependent territory* USA,
Atlantic Ocean 23 M5
Virôchey *Town* Cambodia 95 G10

Virovitica *Town* Croatia 64 D6
Virton *Town* Belgium 53 F14
Virtsu *Town* Estonia 70 F4
Visaginas *Town* Lithuania 70 F7
Visākhapatnam *Town* India 87 J6
Viscount Melville Sound Bay Canada 5 I4
Viseu *Town* Portugal 58 F5
Viterbo *Town* Italy 60 E8
Viti Levu Island Fiji 103 I7
Vitória *Town* Brazil 29 M6
Vitória da Conquista *Town* Brazil 29 L5
Vitoria-Gasteiz *Town* Spain 59 I3
Vitsyebsk *Town* Belarus 71 H9
Vittoria *Town* Sicily, Italy 61 F13
Vizianagaram *Town* India 87 J6
Vlaardingen *Town* Netherlands 53 D9
Vladikavkaz *Town* Russian Federation
73 C13
Vladimir *Town* Russian Federation 72 D8
Vladivostok *Town* Russian Federation 79 M7
Vlagtwedde *Town* Netherlands 52 G6
Vlijmen *Town* Netherlands 53 E9
Vlissingen *Town* Netherlands 53 C10
Vlorë *Town* Albania 65 E12
Vojvodina *Region* Serbia 64 F6
Volga River Russian Federation 73 D11
Volgodonsk *Town* Russian Federation
73 C11
Volgograd *Town* Russian Federation 73 D11
Volkhov *Town* Russian Federation 72 C7
Vologda *Town* Russian Federation 72 D7
Vólos *Town* Greece 67 E10
Vol'sk *Town* Russian Federation 73 E10
Volta River Ghana 41 J8
Volta, Lake Ghana 41 I7
Volturno *River* Italy 61 F9
Volzhskiy *Town* Russian Federation 73 D11
Vóreioi Sporádes *see* Northern Sporades
Vorkuta *Town* Russian Federation 72 H5
Voronezh *Town* Russian Federation 73 C10
Vostok *Research station* Antarctica 110 F6
Voznesens'k *Town* Ukraine 69 I5
Vratsa *Town* Bulgaria 66 E6
Vrbas *Town* Serbia 64 F6
Vršac *Town* Serbia 64 G7
Vung Tau *Town* Vietnam 95 G11
Vyborg *Town* Russian Federation 72 C6

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Waal River Netherlands 53 F9
Waco *Town* Texas, USA 17 M6
Wadayama *Town* Japan 93 D11
Waddān *Town* Libya 37 L5
Waddeneilanden *see* West Frisian Islands
Waddenzee *Sea* Netherlands 52 E6
Waddington, Mount *Mountain* British
Colombia, Canada 4 G8
Wadi Halfa *Town* Sudan 38 E6
Wad Medani *Town* Sudan 38 E8
Wagga Wagga *Town* New South Wales,
Australia 105 L8
Wāh *Town* Pakistan 86 G1
Wahai *Town* Indonesia 97 L7
Waiouru *Town* New Zealand 106 G7
Wairoa *Town* New Zealand 106 H7
Wakayama *Town* Japan 93 E12
Wake Island *Dependent Territory* US,
Pacific Ocean 109 I4
Wakkanai *Town* Japan 92 F4
Walbrzych *Town* Poland 62 D8
Wales *Political Region* UK 51 F10
Wallachia *Cultural region* Romania 68 E7
Wallis & Futuna *Dependent Territory* France,
Pacific Ocean 103 J6
Walvis Bay *Town* Namibia 44 E6
Wanaka *Town* New Zealand 107 C12
Wandel Sea Arctic Ocean 111 M7
Wanyuan *Town* China 90 H5
Wanzhou *Town* China 90 H6
Warangal *Town* India 87 I6
Warren *Town* Michigan, USA 13 L5
Warren *Town* Ohio, USA 13 L6
Warren *Town* Pennsylvania, USA 8 E6

Warri *Town* Nigeria 41 K8
Warsaw *Capital* Poland 62 F6
Warszawa *see* Warsaw
Warwick *Town* Rhode Island, USA 8 J6
Washington *State* USA 14 H2
Washington, D.C. *Capital* USA 8 G9
Waspm *Town* Nicaragua 21 I4
Waterbury *Town* Connecticut, USA 8 I6
Waterford *Town* Ireland 51 C10
Waterloo *Town* Iowa, USA 13 I5
Watertown *Town* New York, USA 8 G4
Watford *Town* England, UK 51 H11
Wau *Town* Sudan 39 D9
Waukegan *Town* Illinois, USA 13 J5
Waukesh**a** *Town* Wisconsin, USA 13 J5
Wavre *Town* Belgium 53 E11
Weddell Sea Antarctica 110 C4
Weifang *Town* China 91 K4
Weimar *Town* Germany 56 E7
Welkom *Town* South Africa 44 H7
Wellington *Capital* New Zealand 107 F9
Wells *Town* Nevada, USA 14 H5
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Acknowledgments

For the 2011 edition, Dorling Kindersley would like to thank:

Natalie Godwin for jacket design, Niki Foreman for proofreading, Matilda Gollon for editorial help, and Carron Brown for the index and for editorial help.

CD production team:

Senior digital graphic designer Nain Singh Rawat

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Jacket: Front: Corbis: Owen Franken (fcr), Stephen Frink (fbr), Richard Ransier (fcrb) (children in swimming pool), Peter M. Wilson (fbl); **Getty Images:** Keren Su / Stone (cr) (2 girls); **Masterfile:** Hans Blohm / ZEFA (crb); **Robert Harding Picture Library:** Lee Frost (bl); **Science Photo Library:** Planetary Visions Ltd (globe); **Back:** Corbis: Alan Schein Photography (fcrb) (Statue of Liberty), B.S.P.I. (crb), Dave Bartruff (clb), Tim Davis (clb) (penguins), Stephen Frink (fbr), Peter M. Wilson (fbl); **Getty Images:** Kevin Morris / Stone (fclb); **Robert Harding Picture Library:** Lee Frost (bl); **Science Photo Library:** Planetary Visions Ltd (globe); **Spine:** Corbis: Owen Franken (t) (top), Richard Ransier (t) (lower image).

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